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## **STATE DETAIL ANALYSIS**

# **THE NATIONAL BIENNIAL RCRA HAZARDOUS WASTE REPORT (BASED ON 2011 DATA)**





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## INTRODUCTION

The United States Environmental Protection Agency (EPA), in partnership with the States<sup>1</sup>, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The purpose of this 2011 National Biennial Report is to communicate the findings of EPA's 2011 hazardous waste reporting data collection efforts to the public, government agencies, and the regulated community. The 2011 National Biennial Report consists of three volumes of data:

- The **National Analysis** data presents a detailed look at waste-handling practices in the States, and largest facilities nationally, including (1) the quantity of waste generated, managed, shipped, and received, and interstate shipments and receipts, and (2) the number of generators and managing facilities,
- The **State Detail Analysis** data is a detailed look at each State's waste handling practices, including overall totals for generation, management, shipments, and receipts, as well as totals for the largest fifty facilities, and
- The **List of Reported RCRA Sites** identifies every hazardous waste facility in the United States that submitted a hazardous waste report in 2011.

## RCRA HAZARDOUS WASTE

Throughout this Report, the term RCRA hazardous waste refers to solid waste assigned a Federal Hazardous Waste Code and regulated by RCRA. Some States elect to regulate wastes not specifically regulated by EPA; these wastes are assigned State Hazardous Waste Codes. For this Report, EPA asked States to exclude data for waste with only State Hazardous Waste Codes (the waste description does not include any Federal Hazardous Waste Codes). The reader can find a more detailed explanation in the *RCRA Orientation Manual* ([www.epa.gov/wastes/inforesources/pubs/orientat/index.htm](http://www.epa.gov/wastes/inforesources/pubs/orientat/index.htm)) and in the Code of Federal Regulations in 40 CFR Parts 260 and 261. Please refer to Appendix D of the National Analysis Report for a complete list of EPA Hazardous Waste Codes used by the regulated community for their 2011 Biennial Report submissions. Details about the information submitted by the regulated community can be found in the *2011 Hazardous Waste Report Instructions and Forms* ([www.epa.gov/waste/inforesources/data/biennialreport/index.htm](http://www.epa.gov/waste/inforesources/data/biennialreport/index.htm)). Guidance provided to the regulated community regarding information to include or exclude from the National Report can be found in Appendix E of the National Analysis Report.

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<sup>1</sup> The term "State" includes the District of Columbia, Puerto Rico, Guam, the Navajo Nation, the Trust Territories, and the Virgin Islands, in addition to the 50 United States.

## RCRA HAZARDOUS WASTE GENERATION

RCRA hazardous waste generation information is obtained from data reported by RCRA large quantity generators (LQGs). A generator is defined as a Federal large quantity generator if:

- the generator generated in any single month 1,000 kg (2,200 pounds or 1.1 tons) or more of RCRA hazardous waste; or
- the generator generated in any single month or accumulated at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or
- the generator generated, or accumulated at any time, more than 100 kg (220 pounds) of spill cleanup material contaminated with RCRA acute hazardous waste.

All facilities that were LQGs in 2011 are required to provide EPA with 2011 waste generation and management information. It is important to note that the generators identified in this Report have been included based on the most current information made available to EPA by the States. However, the generator counts may include some generators that, when determining whether they were LQGs, used a lower State-defined threshold for LQGs, counted wastes regulated only by their States, or counted wastes exempt from Federal regulation. Hazardous waste received from off site for storage/bulking and subsequently transferred off site for treatment or disposal is excluded from generation quantities in this Report.

## RCRA HAZARDOUS WASTE MANAGEMENT

RCRA hazardous waste management information is obtained from the data reported by facilities that treated, stored, or disposed of RCRA hazardous wastes on site during 2011. Only wastes that were treated or disposed of in 2011 are included in the management quantities in this Report. Hazardous wastes that are stored, bulked and/or transferred off site with no prior treatment/recovery, fuel blending, or disposal at the site, are excluded from the management quantities in this Report.

## RCRA HAZARDOUS WASTE SHIPMENTS AND RECEIPTS

RCRA hazardous waste shipment information is obtained from data reported by both RCRA LQGs and facilities that treated, stored, or disposed of RCRA hazardous wastes on site during 2011. RCRA hazardous waste receipt information is obtained from data reported by facilities that treated, stored, or disposed of RCRA hazardous wastes on site during 2011. All reported shipments identified by the State, or implementing EPA office, for inclusion in the National Biennial Report are included in the waste shipment quantities in this Report, even if the waste was shipped to a transfer facility. In some instances, waste is transferred within a physical location that has more than one EPA Identification Number. These waste transfers are treated as shipments.

RCRA hazardous waste interstate shipment quantities include wastes generated in one State and shipped to a receiver in a different State, excluding shipments to a foreign country. Interstate shipments are calculated from information provided by waste shippers. RCRA hazardous waste interstate receipts include all wastes received by a State which differs from the State of origin, excluding foreign imports. RCRA hazardous waste interstate receipts are calculated from information provided by the facilities that received the wastes.

### THE DATA PRESENTED IN THIS NATIONAL BIENNIAL REPORT

It is the responsibility of individual States or implementing EPA offices to properly identify data that is to be included in or excluded from the National Biennial Report. For this 2011 National Biennial RCRA Hazardous Waste Report, EPA has included all data that was identified by the State or implementing EPA office for inclusion in the Report, with the following two (2) exceptions:

- 1) hazardous waste received from off site for storage/bulking and subsequently transferred off site for treatment or disposal is excluded from generation quantities; and
- 2) hazardous waste that is stored, bulked, and/or transferred off site with no prior treatment/recovery, fuel blending, or disposal at the site is excluded from management quantities.

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## ALABAMA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 239

2 Quantity of RCRA Hazardous Waste Generated: 578,348 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City             | Total Generated<br>(Tons) |
|--------------|--------------|--|------------------|---------------------------|
| 1            | ALD046481032 | SANDERS LEAD COMPANY, INC                    | TROY             | 373,886                   |
| 2            | ALR000006817 | NUCOR STEEL DECATUR                          | TRINITY          | 33,192                    |
| 3            | AL3210020027 | ANNISTON ARMY DEPOT                          | ANNISTON         | 24,605                    |
| 4            | ALR000014183 | SSAB ALABAMA, INC                            | AXIS             | 24,291                    |
| 5            | ALD982088437 | NUCOR STEEL TUSCALOOSA, INC                  | TUSCALOOSA       | 22,783                    |
| 6            | ALD000622464 | CHEMICAL WASTE MANAGEMENT                    | EMELLE           | 15,399                    |
| 7            | ALD070513767 | GIANT RESOURCE RECOVERY- ATTALLA, INC.       | ATTALLA          | 12,380                    |
| 8            | ALD093179315 | DUPONT MOBILE MANUFACTURING CENTER           | AXIS             | 11,934                    |
| 9            | ALD067123570 | SMI STEEL, INC. DBA CMC STEEL ALABAMA        | BIRMINGHAM       | 10,121                    |
| 10           | ALD001221902 | BASF CORPORATION                             | MCINTOSH         | 6,571                     |
| 11           | ALD006320774 | ASCEND PERFORMANCE MATERIALS                 | DECATUR          | 4,458                     |
| 12           | ALD010394021 | CHEMTURA CORPORATION                         | BAY MINETTE      | 3,352                     |
| 13           | ALD000622852 | NUCOR STEEL BIRMINGHAM INC                   | BIRMINGHAM       | 3,264                     |
| 14           | ALD004023164 | 3M COMPANY                                   | DECATUR          | 2,897                     |
| 15           | ALR000014332 | AMVAC CHEMICAL COMPANY                       | AXIS             | 2,867                     |
| 16           | ALD981475304 | KW PLASTICS                                  | TROY             | 1,950                     |
| 17           | ALD094476793 | ALLWORTH, LLC                                | BIRMINGHAM       | 1,931                     |
| 18           | ALD078964970 | VALSPAR COATINGS                             | BIRMINGHAM       | 1,668                     |
| 19           | ALD004019642 | OCCIDENTAL CHEMICAL CORPORATION              | MUSCLE SHOALS    | 1,662                     |
| 20           | ALD031499833 | HONEYWELL FAIRFIELD                          | BIRMINGHAM       | 1,408                     |
| 21           | AL7210020742 | U.S ARMY GARRISON - REDSTONE                 | REDSTONE ARSENAL | 1,092                     |
| 22           | ALD075045575 | EVONIK DEGUSSA                               | THEODORE         | 1,002                     |
| 23           | ALR000013490 | INDUSTRIAL GALVANIZERS BIRMINGHAM            | STEELE           | 814                       |
| 24           | ALR000013177 | HUNTSMAN ADVANCED MATERIALS                  | MCINTOSH         | 741                       |
| 25           | ALD980843999 | GKN WESTLAND AEROSPACE, INC                  | TALLASSEE        | 531                       |
| 26           | ALD003396983 | HUBBELL POWER SYSTEMS, INC                   | LEEDS            | 465                       |
| 27           | ALD095687679 | WISE ALLOYS, LLC                             | MUSCLE SHOALS    | 446                       |
| 28           | ALD004023180 | NICHOLS ALUMINUM- ALABAMA                    | DECATUR          | 445                       |
| 29           | ALD983174681 | QUALICO STEEL COMPANY, INC                   | WEBB             | 423                       |
| 30           | ALD003397569 | AMERICAN CAST IRON PIPE COMPANY              | BIRMINGHAM       | 399                       |
| 31           | ALD041512187 | NEKTAR THERAPEUTICS- CHURCH STREET           | HUNTSVILLE       | 395                       |
| 32           | ALR000000612 | REHAU AUTOMOTIVE LLC                         | CULLMAN          | 369                       |
| 33           | ALD002985554 | BP AMOCO CHEMICAL COMPANY                    | DECATUR          | 298                       |
| 34           | ALD981028798 | SAFETY-KLEEN SYSTEMS, INC.                   | HUNTSVILLE       | 294                       |
| 35           | ALD005346432 | GENERAL DYNAMICS GLOBAL IMAGING TECHNOLOG    | CULLMAN          | 284                       |
| 36           | ALR000036822 | TORAY CARBON FIBERS AMERICA, INC             | DECATUR          | 278                       |
| 37           | ALD983167925 | AZZ GALVANIZING- MOBILE                      | CITRONELLE       | 263                       |
| 38           | ALR000001966 | GENERAL DYNAMICS- OTS                        | ANNISTON         | 252                       |
| 39           | ALD004019691 | 3M GUIN                                      | GUIN             | 250                       |
| 40           | ALD004009320 | HUNT REFINING COMPANY                        | TUSCALOOSA       | 248                       |
| 41           | ALD102066636 | NEPTUNE TECHNOLOGY GROUP INC                 | TALLASSEE        | 225                       |
| 42           | ALR000008110 | MITSUBISHI POLYCRYSTALLINE SILICON AMERICA C | THEODORE         | 195                       |
| 43           | ALD983192246 | MDA MANUFACTURING                            | DECATUR          | 195                       |
| 44           | ALD983168097 | AVANTI POLAR LIPIDS, INC                     | ALABASTER        | 185                       |
| 45           | ALD003398575 | METALPLATE GALVANIZING, L.P                  | BIRMINGHAM       | 185                       |
| 46           | ALD004017869 | U.S. PIPE & FOUNDRY COMPANY                  | BESSEMER         | 184                       |
| 47           | ALD980843940 | STEELSCAPE, INC                              | FAIRFIELD        | 181                       |
| 48           | ALD052065117 | CONTINENTAL MOTORS, INC.                     | MOBILE           | 173                       |
| 49           | AL0000266569 | TITAN COATINGS, INC                          | BESSEMER         | 168                       |
| 50           | ALD004011342 | AKZO NOBEL COATINGS, INC                     | BIRMINGHAM       | 168                       |
| <b>Total</b> |              |  |                  | <b>571,767</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## ALABAMA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 5,478                   | ONLY AN F CODE                | 16,735                  |  |                         |
| ONLY CORROSIVE                        | 4,011                   | ONLY A K CODE                 | 92,991                  |  |                         |
| ONLY REACTIVE                         | 198                     | ONLY A P CODE                 | 623                     |  |                         |
| ONLY D004-17                          | 262,557                 | ONLY A U CODE                 | 27                      |  |                         |
| ONLY D018-43                          | 390                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 150,033                 | HAS MORE THAN ONE LISTED CODE | 21                      |  |                         |
| <b>TOTAL</b>                          | <b>422,667</b>          | <b>TOTAL</b>                  | <b>110,396</b>          | <b>Both Characteristic and Listed</b>          | <b>45,285</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 9,399                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 34,603                  |
| HAS CORROSIVE CODE  | 145,558                 |   |                         | CORR. W/ AT LEAST 1 LSTD             | 705                     |
| HAS REACTIVE CODE   | 2,063                   |   |                         | REACT. W/ AT LEAST 1 LSTD            | 564                     |
| HAS D004-D017 CODE  | 141,472                 |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 22,820                  |
| HAS D018-D043 CODE  | 5,586                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 21,159                  |
|   |                         | HAS AN F CODE                           | 11                      | F WASTE W/ AT LEAST 1 CHAR           | 36,642                  |
|   |                         | HAS A K CODE                            | 19                      | K WASTE W/ AT LEAST 1 CHAR           | 13,319                  |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 112                     |
|   |                         | HAS A U CODE                            | 12                      | U WASTE W/ AT LEAST 1 CHAR           | 4,813                   |
| <b>TOTAL</b>  | <b>150,033</b>          | <b>TOTAL</b>                            | <b>21</b>               | <b>TOTAL</b>                         | <b>45,285</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, D003, D007, F005, D008, D035, D006, D018

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING         | 374,086        |
| 2            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                    | 93,943         |
| 3            | 5622  | WASTE TREATMENT AND DISPOSAL   | 29,710         |
| 4            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                          | 25,697         |
| 5            | 3251  | BASIC CHEMICAL MANUFACTURING   | 19,396         |
| 6            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING | 14,829         |
| 7            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                 | 2,897          |
| 8            | 3261  | PLASTICS PRODUCT MANUFACTURING                                       | 2,702          |
| 9            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES             | 2,551          |
| 10           | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                           | 2,265          |
| <b>Total</b> |       |  | <b>568,077</b> |

## ALABAMA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 19

9 Quantity of RCRA Hazardous Waste Managed: 778,921 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                | City             | Tons of Waste Managed |
|--------------|--------------|--|------------------|-----------------------|
| 1            | ALD046481032 | SANDERS LEAD COMPANY, INC                | TROY             | 387,289               |
| 2            | ALR000042754 | STEEL DUST RECYCLING, LLC                | MILLPORT         | 155,921               |
| 3            | ALD008185407 | HUXFORD POLE AND TIMBER CO., INC         | HUXFORD          | 115,170               |
| 4            | ALD000622464 | CHEMICAL WASTE MANAGEMENT                | EMELLE           | 62,340                |
| 5            | ALD008163388 | OCCIDENTAL CHEMICAL CORPORATION          | MOBILE           | 33,176                |
| 6            | ALD070513767 | GIANT RESOURCE RECOVERY- ATTALLA, INC.   | ATTALLA          | 15,833                |
| 7            | ALD981475304 | KW PLASTICS                              | TROY             | 3,634                 |
| 8            | ALD981020894 | EWS ALABAMA INC.                         | GLENCOE          | 2,339                 |
| 9            | AL3210020027 | ANNISTON ARMY DEPOT                      | ANNISTON         | 2,144                 |
| 10           | ALD094476793 | ALLWORTH, LLC                            | BIRMINGHAM       | 464                   |
| 11           | ALD005346432 | GENERAL DYNAMICS GLOBAL IMAGING TECHNOLC | CULLMAN          | 267                   |
| 12           | ALD983167891 | TCI OF ALABAMA, LLC                      | PELL CITY        | 135                   |
| 13           | ALR000015826 | PRECOAT METALS                           | HUEYTOWN         | 81                    |
| 14           | AL7210020742 | U.S ARMY GARRISON - REDSTONE             | REDSTONE ARSENAL | 41                    |
| 15           | ALR000038323 | ERSHIGS, INC                             | GRAND BAY        | 37                    |
| 16           | ALD052065117 | CONTINENTAL MOTORS, INC.                 | MOBILE           | 28                    |
| 17           | AL2640090005 | TVA POWER SERVICE CENTER                 | MUSCLE SHOALS    | 20                    |
| 18           | ALD079474037 | UNIVERSITY OF SOUTH ALABAMA MAIN CAMPUS  | MOBILE           | 3                     |
| 19           | ALD095687786 | LP LOCKHART                              | LOCKHART         | 0                     |
| <b>Total</b> |              |  |                  | <b>778,921</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.  
Facilities reporting storage only and their quantity managed are excluded.

## ALABAMA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT       | 267                        | 0.0                       | 1                       | 5.3                         |
| DEEPWELL OR UNDERGROUND INJECTION | 33,176                     | 4.3                       | 1                       | 5.3                         |
| FUEL BLENDING                     | 18,398                     | 2.4                       | 4                       | 21.1                        |
| INCINERATION                      | 1,729                      | 0.2                       | 2                       | 10.5                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 94,110                     | 12.1                      | 3                       | 15.8                        |
| METALS RECOVERY                   | 376,180                    | 48.3                      | 2                       | 10.5                        |
| OTHER DISPOSAL                    | 250,449                    | 32.2                      | 2                       | 10.5                        |
| OTHER RECOVERY                    | 3,635                      | 0.5                       | 2                       | 10.5                        |
| OTHER TREATMENT                   | 459                        | 0.1                       | 3                       | 15.8                        |
| SOLVENTS RECOVERY                 | 516                        | 0.1                       | 5                       | 26.3                        |
| STABILIZATION                     | 2                          | 0.0                       | 1                       | 5.3                         |
|                                   | 778,921                    | 100.0                     | 19                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| METALS RECOVERY                   | 376,180                    | 48.3                      | 2                       | 10.5                        |
| OTHER DISPOSAL                    | 250,449                    | 32.2                      | 2                       | 10.5                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 94,110                     | 12.1                      | 3                       | 15.8                        |
| DEEPWELL OR UNDERGROUND INJECTION | 33,176                     | 4.3                       | 1                       | 5.3                         |
| FUEL BLENDING                     | 18,398                     | 2.4                       | 4                       | 21.1                        |
| OTHER RECOVERY                    | 3,635                      | 0.5                       | 2                       | 10.5                        |
| INCINERATION                      | 1,729                      | 0.2                       | 2                       | 10.5                        |
| SOLVENTS RECOVERY                 | 516                        | 0.1                       | 5                       | 26.3                        |
| OTHER TREATMENT                   | 459                        | 0.1                       | 3                       | 15.8                        |
| AQUEOUS INORGANIC TREATMENT       | 267                        | 0.0                       | 1                       | 5.3                         |
| STABILIZATION                     | 2                          | 0.0                       | 1                       | 5.3                         |
|                                   | 778,921                    | 100.0                     | 19                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY                 | 516                        | 0.1                       | 5                       | 26.3                        |
| FUEL BLENDING                     | 18,398                     | 2.4                       | 4                       | 21.1                        |
| OTHER TREATMENT                   | 459                        | 0.1                       | 3                       | 15.8                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 94,110                     | 12.1                      | 3                       | 15.8                        |
| OTHER RECOVERY                    | 3,635                      | 0.5                       | 2                       | 10.5                        |
| INCINERATION                      | 1,729                      | 0.2                       | 2                       | 10.5                        |
| OTHER DISPOSAL                    | 250,449                    | 32.2                      | 2                       | 10.5                        |
| METALS RECOVERY                   | 376,180                    | 48.3                      | 2                       | 10.5                        |
| DEEPWELL OR UNDERGROUND INJECTION | 33,176                     | 4.3                       | 1                       | 5.3                         |
| AQUEOUS INORGANIC TREATMENT       | 267                        | 0.0                       | 1                       | 5.3                         |
| STABILIZATION                     | 2                          | 0.0                       | 1                       | 5.3                         |
|                                   | 778,921                    | 100.0                     | 19                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, F005, D035, D008, D007, D006, D018, D003, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## ALABAMA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 239

16 Quantity of RCRA Hazardous Waste Shipped: 192,988

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City             | Quantity Shipped<br>(Tons) |
|--------------|--------------|--|------------------|----------------------------|
| 1            | ALR000006817 | NUCOR STEEL DECATUR                        | TRINITY          | 33,192                     |
| 2            | ALR000014183 | SSAB ALABAMA, INC                          | AXIS             | 24,291                     |
| 3            | ALD982088437 | NUCOR STEEL TUSCALOOSA, INC                | TUSCALOOSA       | 22,783                     |
| 4            | AL3210020027 | ANNISTON ARMY DEPOT                        | ANNISTON         | 22,483                     |
| 5            | ALD070513767 | GIANT RESOURCE RECOVERY- ATTALLA, INC.     | ATTALLA          | 19,098                     |
| 6            | ALD093179315 | DUPONT MOBILE MANUFACTURING CENTER         | AXIS             | 11,934                     |
| 7            | ALD001221902 | BASF CORPORATION                           | MCINTOSH         | 6,571                      |
| 8            | ALD981020894 | EWS ALABAMA INC.                           | GLENCOE          | 4,593                      |
| 9            | ALD067123570 | SMI STEEL, INC. DBA CMC STEEL ALABAMA      | BIRMINGHAM       | 4,435                      |
| 10           | ALD006320774 | ASCEND PERFORMANCE MATERIALS               | DECATUR          | 4,392                      |
| 11           | ALD010394021 | CHEMTURA CORPORATION                       | BAY MINETTE      | 3,352                      |
| 12           | ALD000622852 | NUCOR STEEL BIRMINGHAM INC                 | BIRMINGHAM       | 3,264                      |
| 13           | ALR000014332 | AMVAC CHEMICAL COMPANY                     | AXIS             | 2,907                      |
| 14           | ALD004023164 | 3M COMPANY                                 | DECATUR          | 2,897                      |
| 15           | ALD981475304 | KW PLASTICS                                | TROY             | 1,950                      |
| 16           | ALD078964970 | VALSPAR COATINGS                           | BIRMINGHAM       | 1,668                      |
| 17           | ALD004019642 | OCCIDENTAL CHEMICAL CORPORATION            | MUSCLE SHOALS    | 1,662                      |
| 18           | ALD031499833 | HONEYWELL FAIRFIELD                        | BIRMINGHAM       | 1,408                      |
| 19           | ALD000622464 | CHEMICAL WASTE MANAGEMENT                  | EMELLE           | 1,095                      |
| 20           | AL7210020742 | U.S ARMY GARRISON - REDSTONE               | REDSTONE ARSENAL | 1,040                      |
| 21           | ALD075045575 | EVONIK DEGUSSA                             | THEODORE         | 1,002                      |
| 22           | ALR000013490 | INDUSTRIAL GALVANIZERS BIRMINGHAM          | STEELE           | 814                        |
| 23           | ALR000013177 | HUNTSMAN ADVANCED MATERIALS                | MCINTOSH         | 760                        |
| 24           | ALD983177015 | TERRA STORAGE FACILITY, INC.               | SULLIGENT        | 690                        |
| 25           | ALD094476793 | ALLWORTH, LLC                              | BIRMINGHAM       | 650                        |
| 26           | ALD980843999 | GKN WESTLAND AEROSPACE, INC                | TALLASSEE        | 531                        |
| 27           | ALD067111450 | UNITED PLATING, INC STANWOOD               | HUNTSVILLE       | 506                        |
| 28           | ALD003396983 | HUBBELL POWER SYSTEMS, INC                 | LEEDS            | 465                        |
| 29           | ALD095687679 | WISE ALLOYS, LLC                           | MUSCLE SHOALS    | 446                        |
| 30           | ALD004023180 | NICHOLS ALUMINUM- ALABAMA                  | DECATUR          | 445                        |
| 31           | ALD983174681 | QUALICO STEEL COMPANY, INC                 | WEBB             | 423                        |
| 32           | ALD003397569 | AMERICAN CAST IRON PIPE COMPANY            | BIRMINGHAM       | 399                        |
| 33           | ALD041512187 | NEKTAR THERAPEUTICS- CHURCH STREET         | HUNTSVILLE       | 396                        |
| 34           | ALR000000612 | REHAU AUTOMOTIVE LLC                       | CULLMAN          | 369                        |
| 35           | ALD002985554 | BP AMOCO CHEMICAL COMPANY                  | DECATUR          | 310                        |
| 36           | ALD981028798 | SAFETY-KLEEN SYSTEMS, INC.                 | HUNTSVILLE       | 294                        |
| 37           | ALR000046367 | US ARMY CORPS OF ENGINEERS- MOBILE CAMP SI | RAINBOW CITY     | 291                        |
| 38           | ALR000036822 | TORAY CARBON FIBERS AMERICA, INC           | DECATUR          | 278                        |
| 39           | ALD983167925 | AZZ GALVANIZING- MOBILE                    | CITRONELLE       | 263                        |
| 40           | ALD004019691 | 3M GUIN                                    | GUIN             | 250                        |
| 41           | ALD004009320 | HUNT REFINING COMPANY                      | TUSCALOOSA       | 248                        |
| 42           | ALD102066636 | NEPTUNE TECHNOLOGY GROUP INC               | TALLASSEE        | 225                        |
| 43           | ALR000008110 | MITSUBISHI POLYCRYSTALLINE SILICON AMERICA | THEODORE         | 195                        |
| 44           | ALD983192246 | MDA MANUFACTURING                          | DECATUR          | 194                        |
| 45           | ALD983168097 | AVANTI POLAR LIPIDS, INC                   | ALABASTER        | 185                        |
| 46           | ALD003398575 | METALPLATE GALVANIZING, L.P                | BIRMINGHAM       | 185                        |
| 47           | ALD004017869 | U.S. PIPE & FOUNDRY COMPANY                | BESSEMER         | 184                        |
| 48           | ALD980843940 | STEELSCAPE, INC                            | FAIRFIELD        | 181                        |
| 49           | AL0000266569 | TITAN COATINGS, INC                        | BESSEMER         | 168                        |
| 50           | ALD004011342 | AKZO NOBEL COATINGS, INC                   | BIRMINGHAM       | 168                        |
| <b>Total</b> |              |  |                  | <b>186,532</b>             |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**ALABAMA**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 10

**19** Quantity of RCRA Hazardous Waste Received: 246,204 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                               | City          | Quantity Received<br>(Tons) |
|--------------|--------------|---|---------------|-----------------------------|
| 1            | ALR000042754 | STEEL DUST RECYCLING, LLC               | MILLPORT      | 155,921                     |
| 2            | ALD000622464 | CHEMICAL WASTE MANAGEMENT               | EMELLE        | 44,197                      |
| 3            | ALD070513767 | GIANT RESOURCE RECOVERY- ATTALLA, INC.  | ATTALLA       | 18,738                      |
| 4            | ALD046481032 | SANDERS LEAD COMPANY, INC               | TROY          | 13,409                      |
| 5            | ALD094476793 | ALLWORTH, LLC                           | BIRMINGHAM    | 5,032                       |
| 6            | ALD981020894 | EWS ALABAMA INC.                        | GLENCOE       | 4,489                       |
| 7            | ALD981475304 | KW PLASTICS                             | TROY          | 3,634                       |
| 8            | ALD983177015 | TERRA STORAGE FACILITY, INC.            | SULLIGENT     | 726                         |
| 9            | AL2640090005 | TVA POWER SERVICE CENTER                | MUSCLE SHOALS | 43                          |
| 10           | ALD079474037 | UNIVERSITY OF SOUTH ALABAMA MAIN CAMPUS | MOBILE        | 15                          |
| <b>Total</b> |              |   |               | <b>246,204</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## ALABAMA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING                | 18,169                     | 7.4                       | 2                       | 20.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 42,866                     | 17.4                      | 2                       | 20.0                        |
| METALS RECOVERY              | 169,331                    | 68.8                      | 2                       | 20.0                        |
| OTHER RECOVERY               | 3,634                      | 1.5                       | 1                       | 10.0                        |
| STABILIZATION                | 2                          | 0.0                       | 1                       | 10.0                        |
| STORAGE AND/OR TRANSFER      | 12,202                     | 5.0                       | 7                       | 70.0                        |
|                              | 246,204                    | 100.0                     | 10                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| METALS RECOVERY              | 169,331                    | 68.8                      | 2                       | 20.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 42,866                     | 17.4                      | 2                       | 20.0                        |
| FUEL BLENDING                | 18,169                     | 7.4                       | 2                       | 20.0                        |
| STORAGE AND/OR TRANSFER      | 12,202                     | 5.0                       | 7                       | 70.0                        |
| OTHER RECOVERY               | 3,634                      | 1.5                       | 1                       | 10.0                        |
| STABILIZATION                | 2                          | 0.0                       | 1                       | 10.0                        |
|                              | 246,204                    | 100.0                     | 10                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 12,202                     | 5.0                       | 7                       | 70.0                        |
| METALS RECOVERY              | 169,331                    | 68.8                      | 2                       | 20.0                        |
| FUEL BLENDING                | 18,169                     | 7.4                       | 2                       | 20.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 42,866                     | 17.4                      | 2                       | 20.0                        |
| OTHER RECOVERY               | 3,634                      | 1.5                       | 1                       | 10.0                        |
| STABILIZATION                | 2                          | 0.0                       | 1                       | 10.0                        |
|                              | 246,204                    | 100.0                     | 10                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**ALABAMA**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 90,171 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 142,615 Tons

**26 Alabama Interstate Shipment / Receipts (As reported by Alabama):**

The State to which Alabama shipped the largest quantity of waste was Louisiana (23,513 tons).

The State that shipped the largest quantity of waste to Alabama was Arkansas (37,944 tons).

## ALASKA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 46

2 Quantity of RCRA Hazardous Waste Generated: 2,524 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name   | City            | Total Generated<br>(Tons) |
|--------------|--------------|---|-----------------|---------------------------|
| 1            | AKD000643239 | BP EXPLORATION ALASKA PRUDHOE BAY                 | PRUDHOE BAY     | 573                       |
| 2            | AKD000850701 | FLINT HILLS RESOURCES ALASKA, LLC NORTH POLE      | NORTH POLE      | 479                       |
| 3            | AKR000204289 | KUA JEWEL LAKE SITE                               | ANCHORAGE       | 337                       |
| 4            | AKR000204081 | NAPA-VAN HORN ROAD, FAIRBANKS                     | FAIRBANKS       | 222                       |
| 5            | AKR000203752 | ALFRED H KNIGHT DBA ALASKA ASSAY LABORATOR        | FAIRBANKS       | 167                       |
| 6            | AKD052581758 | ALYESKA TAPS VALDEZ MARINE TERMINAL               | VALDEZ          | 124                       |
| 7            | AKR000004184 | EMERALD ALASKA INC.                               | ANCHORAGE       | 120                       |
| 8            | AK8570028649 | US DOD USAF JOINT BASE ELMENDORF-RICHARDSON       | ANCHORAGE       | 68                        |
| 9            | AKR000005553 | SUMITOMO METAL MINING POGO LLC                    | DELTA JUNCTION  | 50                        |
| 10           | AKD048679682 | TESORO ALASKA COMPANY, KENAI REFINERY             | KENAI           | 37                        |
| 11           | AKR000204230 | MARATHON PIPE LINE LLC - EAST FORELANDS PIPELINE  | NIKISKI         | 28                        |
| 12           | AKD980984256 | ENSTAR NATURAL GAS CO SOLDOTNA                    | SOLDOTNA        | 27                        |
| 13           | AKR000203612 | COEUR ALASKA, INC KENSINGTON GOLD MINE            | JUNEAU          | 26                        |
| 14           | AK9690330742 | USDHS CG BASE SUPPORT UNIT KODIAK                 | KODIAK          | 23                        |
| 15           | AKD048679567 | UNIVERSITY OF ALASKA FAIRBANKS                    | FAIRBANKS       | 18                        |
| 16           | AKD980977318 | ALYESKA TAPS PUMP STATION 4                       | DEADHORSE       | 17                        |
| 17           | AK9570028705 | USAF EARECKSON AIR STATION                        | SHEMYA ISLAND   | 16                        |
| 18           | AKR000203794 | STEESE VOLUNTEER FIRE STATION #1                  | FAIRBANKS       | 16                        |
| 19           | AK6210022426 | US ARMY GARRISON FORT WAINWRIGHT                  | FORT WAINWRIGHT | 15                        |
| 20           | AKR000002352 | FORT KNOX MINE FAIRBANKS GOLD                     | FAIRBANKS       | 14                        |
| 21           | AK8690360492 | USDHS CG BSU KETCHIKAN                            | KETCHIKAN       | 14                        |
| 22           | AK0000384040 | PETRO STAR VALDEZ REFINERY                        | VALDEZ          | 11                        |
| 23           | AKD983076274 | ALYESKA TAPS PUMP STATION 11, GLENNALLEN REFINERY | GLENNALLEN      | 11                        |
| 24           | AKR000204347 | ARCTIC MAINTENANCE WAREHOUSE SITE                 | KOTZEBUE        | 10                        |
| 25           | AK1141735901 | US DOI NPS GLACIER BAY NATL PARK                  | GUSTAVUS        | 8                         |
| 26           | AKD980987499 | FLINT HILLS RESOURCES ALASKA, LLC ANCHORAGE       | ANCHORAGE       | 7                         |
| 27           | AKD991281023 | CONOCOPHILLIPS ALASKA, INC. KUPARUK OIL FIELD     | DEADHORSE       | 7                         |
| 28           | AKR000203737 | BP KUP STATE NO. 1/RED BARN STORAGE PAD           | PRUDHOE BAY     | 7                         |
| 29           | AKD980987978 | CH2M HILL DEADHORSE FACILITY                      | PRUDHOE BAY     | 7                         |
| 30           | AKR000203919 | ROCK CREEK MINE                                   | NOME            | 6                         |
| 31           | AKD982658619 | ALYESKA TAPS PUMP STATION 1                       | PRUDHOE BAY     | 6                         |
| 32           | AKR008752219 | CONICAL OFFSHORE DRILLING UNIT KULLUK - IMO #     | ANCHORAGE       | 6                         |
| 33           | AKD983075631 | UIC CONSTRUCTION YARD                             | ANCHORAGE       | 6                         |
| 34           | AKD983069444 | ALASKA DOT & PF, ALASKA MARINE HWY SYSTEM         | KETCHIKAN       | 5                         |
| 35           | AKR000200857 | ALASKA GOLD COMPANY                               | NOME            | 5                         |
| 36           | AK1570028646 | USAF EIELSON AFB                                  | EIELSON AFB     | 5                         |
| 37           | AKD981765902 | UNIVAR USA INC.                                   | ANCHORAGE       | 5                         |
| 38           | AKR000204370 | RUTH BURNETT SPORT FISH HATCHERY                  | FAIRBANKS       | 4                         |
| 39           | AKR000004721 | WALMART SUPERCENTER #2074                         | WASILLA         | 3                         |
| 40           | AKR000204396 | LIVENGOD CAMP                                     | LIVENGOD        | 3                         |
| 41           | AKD980329601 | ALYESKA TAPS PUMP STATION 8                       | SALCHA          | 3                         |
| 42           | AKR000203018 | BORNITE LEGACY SUPPORT SITE                       | KOBUK           | 2                         |
| 43           | AKD980983985 | KENAI PENINSULA SOLDOTNA MAINTENANCE SHOP         | SOLDOTNA        | 2                         |
| 44           | AKD980329619 | ALYESKA TAPS PUMP STATION 9                       | DELTA JUNCTION  | 2                         |
| 45           | AKD099044059 | BAKER HUGHES, INC. PRESSURE PUMPING               | KENAI           | 1                         |
| 46           | AKR000203000 | TARGET STORE #T2371                               | ANCHORAGE       | 0                         |
| <b>Total</b> |              |   |                 | <b>2,524</b>              |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## ALASKA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 114                     | ONLY AN F CODE                | 837                     |  |                         |
| ONLY CORROSIVE                        | 15                      | ONLY A K CODE                 | 29                      |  |                         |
| ONLY REACTIVE                         | 1                       | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 362                     | ONLY A U CODE                 | 3                       |  |                         |
| ONLY D018-43                          | 270                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 527                     | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>1,290</b>            | <b>TOTAL</b>                  | <b>870</b>              | <b>Both Characteristic and Listed</b>          | <b>364</b>              |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 469                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 325                     |
| HAS CORROSIVE CODE  | 27                      |   |                         | CORR. W/ AT LEAST 1 LSTD             | 224                     |
| HAS REACTIVE CODE   | 40                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 226                     |
| HAS D004-D017 CODE  | 38                      |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 281                     |
| HAS D018-D043 CODE  | 495                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 289                     |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 90                      |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 13                      |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 1                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 267                     |
| <b>TOTAL</b>  | <b>527</b>              | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>364</b>              |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D008, D002, D018, D007, D035, F005, F003, D006, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 2111  | OIL AND GAS EXTRACTION                                 | 593            |
| 2            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING              | 528            |
| 3            | 5313  | ACTIVITIES RELATED TO REAL ESTATE                      | 337            |
| 4            | 4413  | AUTOMOTIVE PARTS, ACCESSORIES, AND TIRE STORES         | 222            |
| 5            | 5419  | OTHER PROFESSIONAL, SCIENTIFIC, AND TECHNICAL SERVICES | 167            |
| 6            | 4861  | PIPELINE TRANSPORTATION OF CRUDE OIL                   | 162            |
| 7            | 5622  | WASTE TREATMENT AND DISPOSAL                           | 120            |
| 8            | 2122  | METAL ORE MINING                                       | 96             |
| 9            | 5621  | WASTE COLLECTION                                       | 73             |
| 10           | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS            | 31             |
| <b>Total</b> |       |  | <b>2,329</b>   |

## ALASKA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 5

9 Quantity of RCRA Hazardous Waste Managed: 560 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                                   | City        | Tons of Waste Managed |
|-------|--------------|---|-------------|-----------------------|
| 1     | AKD000643239 | BP EXPLORATION ALASKA PRUDHOE BAY           | PRUDHOE BAY | 554                   |
| 2     | AK8570028649 | US DOD USAF JOINT BASE ELMENDORF-RICHARDS   | ANCHORAGE   | 3                     |
| 3     | AK9690330742 | USDHS CG BASE SUPPORT UNIT KODIAK           | KODIAK      | 2                     |
| 4     | AKD991281023 | CONOCOPHILLIPS ALASKA, INC. KUPARUK OIL FIE | DEADHORSE   | 1                     |
| 5     | AK8690360492 | USDHS CG BSU KETCHIKAN                      | KETCHIKAN   | 0                     |
| Total |              |   |             | 560                   |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## ALASKA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT          | 474                        | 84.6                      | 1                       | 20.0                        |
| DEEPWELL OR UNDERGROUND INJECTION  | 80                         | 14.3                      | 1                       | 20.0                        |
| FUEL BLENDING                      | 1                          | 0.2                       | 2                       | 40.0                        |
| LAND TREATMENT/APPLICATION/FARMING | 4                          | 0.7                       | 2                       | 40.0                        |
| OTHER TREATMENT                    | 1                          | 0.1                       | 2                       | 40.0                        |
|                                    | 560                        | 100.0                     | 5                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT          | 474                        | 84.6                      | 1                       | 20.0                        |
| DEEPWELL OR UNDERGROUND INJECTION  | 80                         | 14.3                      | 1                       | 20.0                        |
| LAND TREATMENT/APPLICATION/FARMING | 4                          | 0.7                       | 2                       | 40.0                        |
| FUEL BLENDING                      | 1                          | 0.2                       | 2                       | 40.0                        |
| OTHER TREATMENT                    | 1                          | 0.1                       | 2                       | 40.0                        |
|                                    | 560                        | 100.0                     | 5                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LAND TREATMENT/APPLICATION/FARMING | 4                          | 0.7                       | 2                       | 40.0                        |
| OTHER TREATMENT                    | 1                          | 0.1                       | 2                       | 40.0                        |
| FUEL BLENDING                      | 1                          | 0.2                       | 2                       | 40.0                        |
| DEEPWELL OR UNDERGROUND INJECTION  | 80                         | 14.3                      | 1                       | 20.0                        |
| AQUEOUS ORGANIC TREATMENT          | 474                        | 84.6                      | 1                       | 20.0                        |
|                                    | 560                        | 100.0                     | 5                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D007, D018, D002, D008, F002, D005, D006, D010, D011

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## ALASKA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 42

16 Quantity of RCRA Hazardous Waste Shipped: 2,010

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name  | City            | Quantity Shipped<br>(Tons) |
|-------|--------------|--|-----------------|----------------------------|
| 1     | AKD000850701 | FLINT HILLS RESOURCES ALASKA, LLC NORTH POLE     | NORTH POLE      | 513                        |
| 2     | AKR000204289 | KUA JEWEL LAKE SITE                              | ANCHORAGE       | 337                        |
| 3     | AKR000204081 | NAPA-VAN HORN ROAD, FAIRBANKS                    | FAIRBANKS       | 222                        |
| 4     | AKR000203752 | ALFRED H KNIGHT DBA ALASKA ASSAY LABORATORY      | FAIRBANKS       | 167                        |
| 5     | AKD052581758 | ALYESKA TAPS VALDEZ MARINE TERMINAL              | VALDEZ          | 124                        |
| 6     | AKR000004184 | EMERALD ALASKA INC.                              | ANCHORAGE       | 120                        |
| 7     | AKR000203737 | BP KUP STATE NO. 1/RED BARN STORAGE PAD          | PRUDHOE BAY     | 83                         |
| 8     | AK8570028649 | US DOD USAF JOINT BASE ELMENDORF-RICHARDS        | ANCHORAGE       | 68                         |
| 9     | AKD048679682 | TESORO ALASKA COMPANY, KENAI REFINERY            | KENAI           | 37                         |
| 10    | AKR000204230 | MARATHON PIPE LINE LLC - EAST FORELANDS PIPELINE | NIKISKI         | 28                         |
| 11    | AKD980984256 | ENSTAR NATURAL GAS CO SOLDOTNA                   | SOLDOTNA        | 27                         |
| 12    | AK9690330742 | USDHS CG BASE SUPPORT UNIT KODIAK                | KODIAK          | 23                         |
| 13    | AKR000203612 | COEUR ALASKA, INC KENSINGTON GOLD MINE           | JUNEAU          | 22                         |
| 14    | AKD000643239 | BP EXPLORATION ALASKA PRUDHOE BAY                | PRUDHOE BAY     | 21                         |
| 15    | AKD048679567 | UNIVERSITY OF ALASKA FAIRBANKS                   | FAIRBANKS       | 18                         |
| 16    | AKD980977318 | ALYESKA TAPS PUMP STATION 4                      | DEADHORSE       | 17                         |
| 17    | AK9570028705 | USAF EARECKSON AIR STATION                       | SHEMYA ISLAND   | 16                         |
| 18    | AKR000203794 | STEESE VOLUNTEER FIRE STATION #1                 | FAIRBANKS       | 16                         |
| 19    | AK6210022426 | US ARMY GARRISON FORT WAINWRIGHT                 | FORT WAINWRIGHT | 15                         |
| 20    | AK8690360492 | USDHS CG BSU KETCHIKAN                           | KETCHIKAN       | 14                         |
| 21    | AKR000002352 | FORT KNOX MINE FAIRBANKS GOLD                    | FAIRBANKS       | 13                         |
| 22    | AK0000384040 | PETRO STAR VALDEZ REFINERY                       | VALDEZ          | 11                         |
| 23    | AKD983076274 | ALYESKA TAPS PUMP STATION 11, GLENNALLEN R       | GLENNALLEN      | 11                         |
| 24    | AK1141735901 | US DOI NPS GLACIER BAY NATL PARK                 | GUSTAVUS        | 8                          |
| 25    | AKD980987499 | FLINT HILLS RESOURCES ALASKA, LLC ANCHORAGE      | ANCHORAGE       | 7                          |
| 26    | AKD991281023 | CONOCOPHILLIPS ALASKA, INC. KUPARUK OIL FIELD    | DEADHORSE       | 7                          |
| 27    | AKR000203919 | ROCK CREEK MINE                                  | NOME            | 6                          |
| 28    | AKD980987978 | CH2M HILL DEADHORSE FACILITY                     | PRUDHOE BAY     | 6                          |
| 29    | AKD982658619 | ALYESKA TAPS PUMP STATION 1                      | PRUDHOE BAY     | 6                          |
| 30    | AKR008752219 | CONICAL OFFSHORE DRILLING UNIT KULLUK - IMO      | ANCHORAGE       | 6                          |
| 31    | AKD983075631 | UIC CONSTRUCTION YARD                            | ANCHORAGE       | 6                          |
| 32    | AKD983069444 | ALASKA DOT & PF, ALASKA MARINE HWY SYSTEM        | KETCHIKAN       | 5                          |
| 33    | AKR000200857 | ALASKA GOLD COMPANY                              | NOME            | 5                          |
| 34    | AK1570028646 | USAF EIELSON AFB                                 | EIELSON AFB     | 5                          |
| 35    | AKD981765902 | UNIVAR USA INC.                                  | ANCHORAGE       | 5                          |
| 36    | AKR000004721 | WALMART SUPERCENTER #2074                        | WASILLA         | 3                          |
| 37    | AKD980329601 | ALYESKA TAPS PUMP STATION 8                      | SALCHA          | 3                          |
| 38    | AKR000203018 | BORNITE LEGACY SUPPORT SITE                      | KOBUK           | 2                          |
| 39    | AKD980329619 | ALYESKA TAPS PUMP STATION 9                      | DELTA JUNCTION  | 2                          |
| 40    | AKR000005553 | SUMITOMO METAL MINING POGO LLC                   | DELTA JUNCTION  | 1                          |
| 41    | AKD099044059 | BAKER HUGHES, INC. PRESSURE PUMPING              | KENAI           | 1                          |
| 42    | AKR000203000 | TARGET STORE #T2371                              | ANCHORAGE       | 0                          |
| Total |              |  |                 | 2,010                      |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**ALASKA**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 3

**19** Quantity of RCRA Hazardous Waste Received: 11 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City      | Quantity Received<br>(Tons) |
|--------------|--------------|---|-----------|-----------------------------|
| 1            | AK8570028649 | US DOD USAF JOINT BASE ELMENDORF-RICHARDSON | ANCHORAGE | 8                           |
| 2            | AK9690330742 | USDHS CG BASE SUPPORT UNIT KODIAK           | KODIAK    | 2                           |
| 3            | AK8690360492 | USDHS CG BSU KETCHIKAN                      | KETCHIKAN | 1                           |
| <b>Total</b> |              |   |           | <b>11</b>                   |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## ALASKA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING                      | 1                          | 13.1                      | 2                       | 66.7                        |
| LAND TREATMENT/APPLICATION/FARMING | 4                          | 39.3                      | 2                       | 66.7                        |
| STORAGE AND/OR TRANSFER            | 5                          | 47.6                      | 2                       | 66.7                        |
|                                    | 11                         | 100.0                     | 3                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER            | 5                          | 47.6                      | 2                       | 66.7                        |
| LAND TREATMENT/APPLICATION/FARMING | 4                          | 39.3                      | 2                       | 66.7                        |
| FUEL BLENDING                      | 1                          | 13.1                      | 2                       | 66.7                        |
|                                    | 11                         | 100.0                     | 3                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER            | 5                          | 47.6                      | 2                       | 66.7                        |
| FUEL BLENDING                      | 1                          | 13.1                      | 2                       | 66.7                        |
| LAND TREATMENT/APPLICATION/FARMING | 4                          | 39.3                      | 2                       | 66.7                        |
|                                    | 11                         | 100.0                     | 3                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**ALASKA**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 1,994 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 0 Tons

**26 Alaska Interstate Shipment / Receipts (As reported by Alaska):**

The State to which Alaska shipped the largest quantity of waste was Washington (988 tons).

No States shipped waste to Alaska.

## ARIZONA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 224

2 Quantity of RCRA Hazardous Waste Generated: 202,942 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City            | Total Generated<br>(Tons) |
|--------------|--------------|--|-----------------|---------------------------|
| 1            | AZD982441263 | SIEMENS WATER TECHNOLOGIES CORP              | PARKER          | 182,157                   |
| 2            | AZR000506931 | CMC STEEL ARIZONA                            | MESA            | 4,184                     |
| 3            | AZR000001107 | INTEL CORPORATION - OCOTILLO CAMPUS          | CHANDLER        | 4,113                     |
| 4            | AZD091235457 | INTEL CORPORATION - MAIN CHANDLER CAMPUS     | CHANDLER        | 1,440                     |
| 5            | AZD060624251 | FREEPORT-MCMORAN MIAMI INC.                  | CLAYPOOL        | 716                       |
| 6            | AZD041456872 | PAS TECHNOLOGIES (PHOENIX DIVISION)          | PHOENIX         | 692                       |
| 7            | AZR000509125 | WILBUR ELLIS COMPANY                         | GLENDALE        | 509                       |
| 8            | AZD981969504 | SAFETY-KLEEN SYSTEMS, INC.                   | CHANDLER        | 466                       |
| 9            | AZ0000337360 | VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.        | PHOENIX         | 440                       |
| 10           | AZD980816920 | FREESCALE SEMICONDUCTOR INC. (CHANDLER)      | CHANDLER        | 437                       |
| 11           | AZD094527587 | SFPP, L.P. - PHOENIX TERMINAL                | PHOENIX         | 408                       |
| 12           | AZR000001016 | FUJIFILM ELECTRONIC MATERIALS USA, INC.      | MESA            | 392                       |
| 13           | AZD003987997 | HEXCEL CORPORATION                           | CASA GRANDE     | 385                       |
| 14           | AZD982491631 | PRAXAIR INC                                  | KINGMAN         | 299                       |
| 15           | AZR000043703 | AMERICAN WOODMARK CORPORATION                | KINGMAN         | 288                       |
| 16           | AZD981667686 | MICROCHIP TECHNOLOGY INC. TEMPE FAB2         | TEMPE           | 270                       |
| 17           | AZD980818165 | MARANA AEROSPACE SOLUTIONS, LLC              | MARANA          | 257                       |
| 18           | AZD009000050 | HONEYWELL ENGINES SYSTEMS                    | PHOENIX         | 254                       |
| 19           | AZD982435166 | PRINTPACK INC                                | PRESCOTT VALLEY | 242                       |
| 20           | AZD982506222 | ROGERS CORPORATION, ADVANCED CIRCUIT MATE    | CHANDLER        | 231                       |
| 21           | AZD982434185 | WM LAMPTRACKER, INC                          | GLENDALE        | 202                       |
| 22           | AZD082890799 | L-3 COMMUNICATIONS CORPORATION               | TEMPE           | 167                       |
| 23           | AZD980735179 | ISOLA  | CHANDLER        | 164                       |
| 24           | AZR000035436 | ON SEMICONDUCTOR SCI LLC                     | PHOENIX         | 154                       |
| 25           | AZT050010131 | SFPP, L.P. - TUCSON TERMINAL                 | TUCSON          | 128                       |
| 26           | AZD983468166 | HONEYWELL AEROSPACE - PHOENIX (SKY HARBOR    | PHOENIX         | 124                       |
| 27           | AZR000001420 | NORANCO JET PROCESSING DIVISION              | PHOENIX         | 123                       |
| 28           | AZR000004721 | FLIPCHIP INTERNATIONAL, LLC                  | PHOENIX         | 107                       |
| 29           | AZ0000068957 | AZZ GALVANIZING - ARIZONA                    | GOODYEAR        | 101                       |
| 30           | AZ0000379180 | SAV-ON PLATING INCORPORATED                  | PHOENIX         | 99                        |
| 31           | AZT000624445 | SOUTH BAY CIRCUITS                           | CHANDLER        | 98                        |
| 32           | AZT050010636 | CORNING GILBERT INC.                         | GLENDALE        | 97                        |
| 33           | AZR000040725 | BAE AEROSPACE & DEFENSE GROUP                | PHOENIX         | 93                        |
| 34           | AZR000032706 | SONORA QUEST LABORATORIES, LLC               | TEMPE           | 91                        |
| 35           | AZD980881163 | THE BOEING COMPANY                           | MESA            | 90                        |
| 36           | AZD079014221 | GOWAN MILLING LLC                            | YUMA            | 86                        |
| 37           | AZR000033035 | QUANTUM CLEAN                                | PHOENIX         | 85                        |
| 38           | AZR000004937 | SUMCO SOUTHWEST CORPORATION                  | PHOENIX         | 81                        |
| 39           | AZD982486169 | METCO METAL FINISHING                        | PHOENIX         | 78                        |
| 40           | AZD020703310 | LEARJET INC.                                 | TUCSON          | 75                        |
| 41           | AZD000819615 | UNIVERSITY OF ARIZONA                        | TUCSON          | 71                        |
| 42           | AZD009005422 | RAYTHEON COMPANY - USAF PLANT 44             | TUCSON          | 66                        |
| 43           | AZR000501635 | W.L. GORE & ASSOCIATES, INC. - ELK HILL      | FLAGSTAFF       | 61                        |
| 44           | AZD983473547 | SPECIAL DEVICES INCORPORATED                 | MESA            | 58                        |
| 45           | AZD982491649 | TRW VSSI, MESA OPERATIONS                    | MESA            | 58                        |
| 46           | AZD039534995 | MI WINDOWS AND DOORS, INC. / MI METALS, INC. | PRESCOTT VALLEY | 54                        |
| 47           | AZR000040980 | VENTANA MEDICAL SYSTEMS                      | ORO VALLEY      | 53                        |
| 48           | AZ4570024055 | DAVIS-MONTHAN AIR FORCE BASE                 | DMAFB           | 52                        |
| 49           | AZD042017723 | ARIZONA STATE UNIVERSITY                     | TEMPE           | 52                        |
| 50           | AZR000004192 | ABLE ENGINEERING AND COMPONENT SERVICES      | PHOENIX         | 51                        |
| <b>Total</b> |              |  |                 | <b>200,998</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## ARIZONA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 914                     | ONLY AN F CODE                | 182,835                 |  |                         |
| ONLY CORROSIVE                        | 4,944                   | ONLY A K CODE                 | 4,191                   |  |                         |
| ONLY REACTIVE                         | 47                      | ONLY A P CODE                 | 36                      |  |                         |
| ONLY D004-17                          | 2,482                   | ONLY A U CODE                 | 102                     |  |                         |
| ONLY D018-43                          | 182                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 2,381                   | HAS MORE THAN ONE LISTED CODE | 3                       |  |                         |
| <b>TOTAL</b>                          | <b>10,950</b>           | <b>TOTAL</b>                  | <b>187,167</b>          | <b>Both Characteristic and Listed</b>          | <b>4,820</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 1,190                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 3,344                   |
| HAS CORROSIVE CODE  | 1,331                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 515                     |
| HAS REACTIVE CODE   | 65                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 402                     |
| HAS D004-D017 CODE  | 1,335                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 1,678                   |
| HAS D018-D043 CODE  | 946                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 1,832                   |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 3,937                   |
|   |                         | HAS A K CODE                            | 3                       | K WASTE W/ AT LEAST 1 CHAR           | 53                      |
|   |                         | HAS A P CODE                            | 3                       | P WASTE W/ AT LEAST 1 CHAR           | 576                     |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 892                     |
| <b>TOTAL</b>  | <b>2,381</b>            | <b>TOTAL</b>                            | <b>3</b>                | <b>TOTAL</b>                         | <b>4,820</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, D008, D035, F003, D011, D005, D006, D009

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 5622  | WASTE TREATMENT AND DISPOSAL   | 182,923        |
| 2            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING           | 7,357          |
| 3            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                    | 4,184          |
| 4            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES             | 1,341          |
| 5            | 2122  | METAL ORE MINING   | 775            |
| 6            | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                            | 706            |
| 7            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING | 595            |
| 8            | 4931  | WAREHOUSING AND STORAGE  | 536            |
| 9            | 5621  | WASTE COLLECTION   | 492            |
| 10           | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                 | 403            |
| <b>Total</b> |       |  | <b>199,311</b> |

## ARIZONA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 26

9 Quantity of RCRA Hazardous Waste Managed: 208,570 Tons

## 10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                              | City            | Tons of Waste Managed |
|--------------|--------------|--|-----------------|-----------------------|
| 1            | AZD982441263 | SIEMENS WATER TECHNOLOGIES CORP        | PARKER          | 182,785               |
| 2            | AZD980735500 | WORLD RESOURCES COMPANY                | TOLLESON        | 23,488                |
| 3            | AZ0000337360 | VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.  | PHOENIX         | 1,169                 |
| 4            | AZD041456872 | PAS TECHNOLOGIES (PHOENIX DIVISION)    | PHOENIX         | 628                   |
| 5            | AZD003987997 | HEXCEL CORPORATION                     | CASA GRANDE     | 190                   |
| 6            | AZD982435166 | PRINTPACK INC                          | PRESCOTT VALLEY | 183                   |
| 7            | AZD009000050 | HONEYWELL ENGINES SYSTEMS              | PHOENIX         | 33                    |
| 8            | AZD981669989 | GOLD TECH INDUSTRIES                   | TEMPE           | 26                    |
| 9            | AZ5213820991 | U.S. ARMY GARRISON YUMA PROVING GROUND | YUMA            | 25                    |
| 10           | AZ4570024055 | DAVIS-MONTHAN AIR FORCE BASE           | DMAFB           | 21                    |
| 11           | AZR000501999 | TARGET STORE #T0935                    | FLAGSTAFF       | 5                     |
| 12           | AZR000502062 | TARGET STORE #T0233                    | PHOENIX         | 3                     |
| 13           | AZR000047670 | TARGET STORE #T0936                    | SCOTTSDALE      | 2                     |
| 14           | AZR000035923 | TARGET STORE #T0700                    | ORO VALLEY      | 2                     |
| 15           | AZR000501940 | TARGET STORE #T0735                    | SIERRA VISTA    | 2                     |
| 16           | AZR000501924 | TARGET STORE #T1242                    | GOODYEAR        | 1                     |
| 17           | AZR000501296 | TARGET STORE #T0319                    | TEMPE           | 1                     |
| 18           | AZR000502005 | TARGET STORE #T0179                    | TUCSON          | 1                     |
| 19           | AZR000501908 | TARGET STORE #T1209                    | GILBERT         | 1                     |
| 20           | AZR000501742 | TARGET STORE #T1360                    | PHOENIX         | 1                     |
| 21           | AZR000501825 | TARGET STORE #T1838                    | CHANDLER        | 1                     |
| 22           | AZR000501965 | TARGET STORE #T0855                    | TUCSON          | 1                     |
| 23           | AZR000501890 | TARGET STORE #T1141                    | PHOENIX         | 0                     |
| 24           | AZR000501916 | TARGET STORE #T1240                    | CHANDLER        | 0                     |
| 25           | AZR000501981 | TARGET STORE #T0909                    | PHOENIX         | 0                     |
| 26           | AZR000502021 | TARGET STORE #T0825                    | PEORIA          | 0                     |
| <b>Total</b> |              |  |                 | <b>208,570</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## ARIZONA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 740                        | 0.4                       | 4                       | 15.4                        |
| AQUEOUS ORGANIC TREATMENT   | 5                          | 0.0                       | 1                       | 3.8                         |
| INCINERATION                | 25                         | 0.0                       | 1                       | 3.8                         |
| METALS RECOVERY             | 24,636                     | 11.8                      | 2                       | 7.7                         |
| OTHER DISPOSAL              | 176,046                    | 84.4                      | 18                      | 69.2                        |
| OTHER RECOVERY              | 21                         | 0.0                       | 1                       | 3.8                         |
| OTHER TREATMENT             | 6,914                      | 3.3                       | 3                       | 11.5                        |
| SOLVENTS RECOVERY           | 183                        | 0.1                       | 1                       | 3.8                         |
|                             | 208,570                    | 100.0                     | 26                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL              | 176,046                    | 84.4                      | 18                      | 69.2                        |
| METALS RECOVERY             | 24,636                     | 11.8                      | 2                       | 7.7                         |
| OTHER TREATMENT             | 6,914                      | 3.3                       | 3                       | 11.5                        |
| AQUEOUS INORGANIC TREATMENT | 740                        | 0.4                       | 4                       | 15.4                        |
| SOLVENTS RECOVERY           | 183                        | 0.1                       | 1                       | 3.8                         |
| INCINERATION                | 25                         | 0.0                       | 1                       | 3.8                         |
| OTHER RECOVERY              | 21                         | 0.0                       | 1                       | 3.8                         |
| AQUEOUS ORGANIC TREATMENT   | 5                          | 0.0                       | 1                       | 3.8                         |
|                             | 208,570                    | 100.0                     | 26                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL              | 176,046                    | 84.4                      | 18                      | 69.2                        |
| AQUEOUS INORGANIC TREATMENT | 740                        | 0.4                       | 4                       | 15.4                        |
| OTHER TREATMENT             | 6,914                      | 3.3                       | 3                       | 11.5                        |
| METALS RECOVERY             | 24,636                     | 11.8                      | 2                       | 7.7                         |
| AQUEOUS ORGANIC TREATMENT   | 5                          | 0.0                       | 1                       | 3.8                         |
| INCINERATION                | 25                         | 0.0                       | 1                       | 3.8                         |
| SOLVENTS RECOVERY           | 183                        | 0.1                       | 1                       | 3.8                         |
| OTHER RECOVERY              | 21                         | 0.0                       | 1                       | 3.8                         |
|                             | 208,570                    | 100.0                     | 26                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D009, F006, D008, D007, F002, D002, D011, D040, D018, D006

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## ARIZONA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 225

16 Quantity of RCRA Hazardous Waste Shipped: 26,453

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City            | Quantity Shipped<br>(Tons) |
|--------------|--------------|--|-----------------|----------------------------|
| 1            | AZR000506931 | CMC STEEL ARIZONA                            | MESA            | 4,184                      |
| 2            | AZR000001107 | INTEL CORPORATION - OCOTILLO CAMPUS          | CHANDLER        | 4,113                      |
| 3            | AZD049318009 | CLEAN HARBORS ARIZONA, LLC                   | PHOENIX         | 2,732                      |
| 4            | AZD081705402 | HERITAGE ENVIRONMENTAL SERVICES, LLC         | COOLIDGE        | 2,316                      |
| 5            | AZD091235457 | INTEL CORPORATION - MAIN CHANDLER CAMPUS     | CHANDLER        | 1,440                      |
| 6            | AZ0000068957 | AZZ GALVANIZING - ARIZONA                    | GOODYEAR        | 802                        |
| 7            | AZD980735500 | WORLD RESOURCES COMPANY                      | TOLLESON        | 785                        |
| 8            | AZD060624251 | FREEMPORT-MCMORAN MIAMI INC.                 | CLAYPOOL        | 716                        |
| 9            | AZD981969504 | SAFETY-KLEEN SYSTEMS, INC.                   | CHANDLER        | 686                        |
| 10           | AZR000509125 | WILBUR ELLIS COMPANY                         | GLENDALE        | 509                        |
| 11           | AZ0000337360 | VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.        | PHOENIX         | 445                        |
| 12           | AZD980816920 | FREESCALE SEMICONDUCTOR INC. (CHANDLER)      | CHANDLER        | 438                        |
| 13           | AZD094527587 | SFP, L.P. - PHOENIX TERMINAL                 | PHOENIX         | 408                        |
| 14           | AZR000001016 | FUJIFILM ELECTRONIC MATERIALS USA, INC.      | MESA            | 391                        |
| 15           | AZD982491631 | PRAXAIR INC                                  | KINGMAN         | 299                        |
| 16           | AZR000043703 | AMERICAN WOODMARK CORPORATION                | KINGMAN         | 288                        |
| 17           | AZD981667686 | MICROCHIP TECHNOLOGY INC. TEMPE FAB2         | TEMPE           | 270                        |
| 18           | AZD980818165 | MARANA AEROSPACE SOLUTIONS, LLC              | MARANA          | 257                        |
| 19           | AZD982506222 | ROGERS CORPORATION, ADVANCED CIRCUIT MAT     | CHANDLER        | 241                        |
| 20           | AZD009000050 | HONEYWELL ENGINES SYSTEMS                    | PHOENIX         | 220                        |
| 21           | AZD982434185 | WM LAMPTRACKER, INC                          | GLENDALE        | 202                        |
| 22           | AZD003987997 | HEXCEL CORPORATION                           | CASA GRANDE     | 195                        |
| 23           | AZD082890799 | L-3 COMMUNICATIONS CORPORATION               | TEMPE           | 167                        |
| 24           | AZD980735179 | ISOLA  | CHANDLER        | 164                        |
| 25           | AZR000035436 | ON SEMICONDUCTOR SCI LLC                     | PHOENIX         | 154                        |
| 26           | AZD983468166 | HONEYWELL AEROSPACE - PHOENIX (SKY HARBO     | PHOENIX         | 143                        |
| 27           | AZT050010131 | SFP, L.P. - TUCSON TERMINAL                  | TUCSON          | 128                        |
| 28           | AZR000001420 | NORANCO JET PROCESSING DIVISION              | PHOENIX         | 123                        |
| 29           | AZR000004721 | FLIPCHIP INTERNATIONAL, LLC                  | PHOENIX         | 107                        |
| 30           | AZD982441263 | SIEMENS WATER TECHNOLOGIES CORP              | PARKER          | 105                        |
| 31           | AZT050010636 | CORNING GILBERT INC.                         | GLENDALE        | 101                        |
| 32           | AZ0000379180 | SAV-ON PLATING INCORPORATED                  | PHOENIX         | 99                         |
| 33           | AZT000624445 | SOUTH BAY CIRCUITS                           | CHANDLER        | 98                         |
| 34           | AZR000040725 | BAE AEROSPACE & DEFENSE GROUP                | PHOENIX         | 93                         |
| 35           | AZR000032706 | SONORA QUEST LABORATORIES, LLC               | TEMPE           | 91                         |
| 36           | AZD980881163 | THE BOEING COMPANY                           | MESA            | 89                         |
| 37           | AZD079014221 | GOWAN MILLING LLC                            | YUMA            | 86                         |
| 38           | AZR000033035 | QUANTUM CLEAN                                | PHOENIX         | 85                         |
| 39           | AZR000004937 | SUMCO SOUTHWEST CORPORATION                  | PHOENIX         | 82                         |
| 40           | AZD020703310 | LEARJET INC.                                 | TUCSON          | 78                         |
| 41           | AZD982486169 | METCO METAL FINISHING                        | PHOENIX         | 78                         |
| 42           | AZD000819615 | UNIVERSITY OF ARIZONA                        | TUCSON          | 71                         |
| 43           | AZR000501635 | W.L. GORE & ASSOCIATES, INC. - ELK HILL      | FLAGSTAFF       | 64                         |
| 44           | AZD041456872 | PAS TECHNOLOGIES (PHOENIX DIVISION)          | PHOENIX         | 64                         |
| 45           | AZD009005422 | RAYTHEON COMPANY - USAF PLANT 44             | TUCSON          | 64                         |
| 46           | AZD982435166 | PRINTPACK INC                                | PRESCOTT VALLEY | 59                         |
| 47           | AZD983473547 | SPECIAL DEVICES INCORPORATED                 | MESA            | 58                         |
| 48           | AZD982491649 | TRW VSSI, MESA OPERATIONS                    | MESA            | 58                         |
| 49           | AZD039534995 | MI WINDOWS AND DOORS, INC. / MI METALS, INC. | PRESCOTT VALLEY | 54                         |
| 50           | AZR000040980 | VENTANA MEDICAL SYSTEMS                      | ORO VALLEY      | 52                         |
| <b>Total</b> |              |  |                 | <b>24,550</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**ARIZONA**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 6

**19** Quantity of RCRA Hazardous Waste Received: 17,882 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                             | City     | Quantity Received<br>(Tons) |
|--------------|--------------|---------------------------------------|----------|-----------------------------|
| 1            | AZD980735500 | WORLD RESOURCES COMPANY               | TOLLESON | 11,744                      |
| 2            | AZD081705402 | HERITAGE ENVIRONMENTAL SERVICES, LLC  | COOLIDGE | 2,222                       |
| 3            | AZD049318009 | CLEAN HARBORS ARIZONA, LLC            | PHOENIX  | 2,183                       |
| 4            | AZ0000337360 | VEOLIA ES TECHNICAL SOLUTIONS, L.L.C. | PHOENIX  | 782                         |
| 5            | AZD982441263 | SIEMENS WATER TECHNOLOGIES CORP       | PARKER   | 734                         |
| 6            | AZD981969504 | SAFETY-KLEEN SYSTEMS, INC.            | CHANDLER | 217                         |
| <b>Total</b> |              |                                       |          | <b>17,882</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## ARIZONA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| METALS RECOVERY         | 12,296                     | 68.8                      | 2                       | 33.3                        |
| OTHER RECOVERY          | 21                         | 0.1                       | 1                       | 16.7                        |
| OTHER TREATMENT         | 734                        | 4.1                       | 1                       | 16.7                        |
| STORAGE AND/OR TRANSFER | 4,831                      | 27.0                      | 4                       | 66.7                        |
|                         | 17,882                     | 100.0                     | 6                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| METALS RECOVERY         | 12,296                     | 68.8                      | 2                       | 33.3                        |
| STORAGE AND/OR TRANSFER | 4,831                      | 27.0                      | 4                       | 66.7                        |
| OTHER TREATMENT         | 734                        | 4.1                       | 1                       | 16.7                        |
| OTHER RECOVERY          | 21                         | 0.1                       | 1                       | 16.7                        |
|                         | 17,882                     | 100.0                     | 6                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 4,831                      | 27.0                      | 4                       | 66.7                        |
| METALS RECOVERY         | 12,296                     | 68.8                      | 2                       | 33.3                        |
| OTHER TREATMENT         | 734                        | 4.1                       | 1                       | 16.7                        |
| OTHER RECOVERY          | 21                         | 0.1                       | 1                       | 16.7                        |
|                         | 17,882                     | 100.0                     | 6                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## ARIZONA

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 18,201 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 12,738 Tons

**26 Arizona Interstate Shipment / Receipts (As reported by Arizona):**

The State to which Arizona shipped the largest quantity of waste was California (7,088 tons).

The State that shipped the largest quantity of waste to Arizona was California (9,446 tons).

## ARKANSAS

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 142

2 Quantity of RCRA Hazardous Waste Generated: 922,732 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                     | City              | Total Generated (Tons) |
|--------------|--------------|---|-------------------|------------------------|
| 1            | ARD000021998 | LION OIL COMPANY                              | EL DORADO         | 622,893                |
| 2            | ARD006354161 | REYNOLDS METALS COMPANY GUM SPRINGS PLANT     | ARKADELPHIA       | 112,769                |
| 3            | ARD089234884 | FUTUREFUEL CHEMICAL COMPANY                   | BATESVILLE        | 39,596                 |
| 4            | ARD981908890 | NUCOR YAMATO STEEL                            | ARMOREL           | 21,990                 |
| 5            | ARD982286874 | DOW CHEMICAL COMPANY                          | MAGNOLIA          | 20,779                 |
| 6            | ARD983278243 | NUCOR STEEL - ARKANSAS                        | BLYTHEVILLE       | 20,198                 |
| 7            | ARD983288499 | TRIUMPH AIRBORNE STRUCTURES                   | HOT SPRINGS       | 16,569                 |
| 8            | ARD043195429 | GREAT LAKES CHEMICAL CENTRAL PLANT            | EL DORADO         | 15,732                 |
| 9            | ARD053730701 | GERDAU - FORT SMITH MILL                      | FORT SMITH        | 9,280                  |
| 10           | AR0213820707 | PINE BLUFF ARSENAL                            | PINE BLUFF        | 7,373                  |
| 11           | ARD000804179 | EVERGREEN PACKAGING PINE BLUFF MILL           | PINE BLUFF        | 5,074                  |
| 12           | ARD983287889 | LYCUS LTD. DBA SYRGIS PERFORMANCE SPECIALTIES | EL DORADO         | 3,799                  |
| 13           | ARD981512270 | ASH GROVE CEMENT COMPANY                      | FOREMAN           | 3,641                  |
| 14           | ARD093792067 | BASF CORPORATION                              | WEST MEMPHIS      | 3,460                  |
| 15           | ARD069748192 | CLEAN HARBORS EL DORADO                       | EL DORADO         | 3,109                  |
| 16           | ARD077389393 | SLOAN VALVE COMPANY                           | AUGUSTA           | 1,524                  |
| 17           | ARR000018374 | PIZO OPERATING COMPANY                        | BLYTHEVILLE       | 1,292                  |
| 18           | ARD983272485 | ARCELORMITTAL PINE BLUFF INC                  | PINE BLUFF        | 1,240                  |
| 19           | ARD092923184 | THE BRYCE COMPANY, LLC                        | SEARCY            | 1,140                  |
| 20           | ARD007240716 | PPG PROTECTIVE AND MARINE COATINGS            | ALEXANDER         | 810                    |
| 21           | ARR000017053 | UNILEVER MANUFACTURING (US), INC.             | JONESBORO         | 741                    |
| 22           | ARD983267733 | BEKAERT CORPORATION                           | ROGERS            | 652                    |
| 23           | ARD139607048 | EVONIK CYRO LLC                               | OSCEOLA           | 650                    |
| 24           | AR0000064311 | REMINGTON ARMS COMPANY, LLC                   | LONOKE            | 648                    |
| 25           | ARR000017574 | DUPONT EL DORADO PLANT                        | EL DORADO         | 459                    |
| 26           | ARR000016691 | PRECOAT METALS                                | BLYTHEVILLE       | 442                    |
| 27           | ARD982558595 | AZZ GALVANIZING ARKANSAS                      | PRAIRIE GROVE     | 412                    |
| 28           | ARD091688283 | AEROJET-GENERAL CORPORATION                   | EAST CAMDEN       | 376                    |
| 29           | ARD000022186 | GREAT LAKES CHEMICAL SOUTH PLANT              | EL DORADO         | 319                    |
| 30           | ARD990869737 | MARTIN OPERATING PARTNERSHIP, L.P. CROSS REF  | SMACKOVER         | 296                    |
| 31           | ARD983267600 | TOKUSEN USA, INC                              | CONWAY            | 275                    |
| 32           | ARD983274770 | MID-AMERICA DISTILLATIONS, INC.               | HOT SPRINGS       | 264                    |
| 33           | ARD053746749 | STELLA-JONES CORPORATION                      | RUSSELLVILLE      | 250                    |
| 34           | ARD038882676 | KAWNEER CO. INC                               | SPRINGDALE        | 246                    |
| 35           | ARD010304475 | TRIUMPH FABRICATIONS HOT SPRINGS              | HOT SPRINGS       | 204                    |
| 36           | ARD077395283 | L'OREAL USA PRODUCTS, INC.                    | NORTH LITTLE ROCK | 202                    |
| 37           | ARD000388983 | KOHLER CO SHERIDAN OPERATIONS                 | SHERIDAN          | 180                    |
| 38           | AR0000885889 | EVONIK FOAMS                                  | MAGNOLIA          | 159                    |
| 39           | ARR000000083 | AMERIMAX COATED PRODUCTS, INC.                | HELENA            | 158                    |
| 40           | ARD000604959 | LOCKHEED MARTIN MISSILES & FIRE CONTROL       | EAST CAMDEN       | 140                    |
| 41           | ARD006344824 | KOPPERS INC.                                  | NORTH LITTLE ROCK | 139                    |
| 42           | ARD062145388 | ASHLAND PERFORMANCE MATERIALS                 | FORT SMITH        | 139                    |
| 43           | ARD983273590 | CRANE COMPOSITES, INC                         | JONESBORO         | 136                    |
| 44           | ARD983275504 | HAWKER BEECHCRAFT CORPORATION                 | LITTLE ROCK       | 134                    |
| 45           | ARD075664243 | PACKAGING SPECIALTIES, INC.                   | FAYETTEVILLE      | 123                    |
| 46           | ARD982758997 | SOLDER PLATING, LLC DBA B&W PLATING           | VAN BUREN         | 122                    |
| 47           | ARD044484780 | APEX TOOL GROUP                               | SPRINGDALE        | 119                    |
| 48           | ARD075648675 | NATURAL GAS PIPELINE COMPANY - DISTRICT 308   | BIGGERS           | 116                    |
| 49           | ARD044063576 | MARTIN SPROCKET AND GEAR, INC.                | PARAGOULD         | 99                     |
| 50           | ARD062143938 | DASSAULT FALCON JET                           | LITTLE ROCK       | 96                     |
| <b>Total</b> |              |   |                   | <b>920,564</b>         |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## ARKANSAS

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 2,816                   | ONLY AN F CODE                | 2,422                   |  |                         |
| ONLY CORROSIVE                        | 4,530                   | ONLY A K CODE                 | 158,045                 |  |                         |
| ONLY REACTIVE                         | 138                     | ONLY A P CODE                 | 2                       |  |                         |
| ONLY D004-17                          | 11,914                  | ONLY A U CODE                 | 205                     |  |                         |
| ONLY D018-43                          | 602,083                 |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 22,071                  | HAS MORE THAN ONE LISTED CODE | 15,857                  |  |                         |
| <b>TOTAL</b>                          | <b>643,551</b>          | <b>TOTAL</b>                  | <b>176,531</b>          | <b>Both Characteristic and Listed</b>          | <b>102,649</b>          |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 1,951                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 52,886                  |
| HAS CORROSIVE CODE  | 21,165                  |   |                         | CORR. W/ AT LEAST 1 LSTD             | 46,274                  |
| HAS REACTIVE CODE   | 248                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 4,079                   |
| HAS D004-D017 CODE  | 19,708                  |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 13,703                  |
| HAS D018-D043 CODE  | 1,982                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 90,582                  |
|   |                         | HAS AN F CODE                           | 15,840                  | F WASTE W/ AT LEAST 1 CHAR           | 75,833                  |
|   |                         | HAS A K CODE                            | 15,854                  | K WASTE W/ AT LEAST 1 CHAR           | 35,891                  |
|   |                         | HAS A P CODE                            | 3                       | P WASTE W/ AT LEAST 1 CHAR           | 2,973                   |
|   |                         | HAS A U CODE                            | 15,605                  | U WASTE W/ AT LEAST 1 CHAR           | 27,088                  |
| <b>TOTAL</b>  | <b>22,071</b>           | <b>TOTAL</b>                            | <b>15,857</b>           | <b>TOTAL</b>                         | <b>102,649</b>          |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, D007, F005, D008, D035, LABP, D006, D009

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                | 623,189        |
| 2            | 5622  | WASTE TREATMENT AND DISPOSAL                             | 115,877        |
| 3            | 3251  | BASIC CHEMICAL MANUFACTURING                             | 84,225         |
| 4            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING        | 54,000         |
| 5            | 4881  | SUPPORT ACTIVITIES FOR AIR TRANSPORTATION                | 16,627         |
| 6            | 3329  | OTHER FABRICATED METAL PRODUCT MANUFACTURING             | 8,538          |
| 7            | 3221  | PULP, PAPER, AND PAPERBOARD MILLS                        | 5,079          |
| 8            | 3273  | CEMENT AND CONCRETE PRODUCT MANUFACTURING                | 3,641          |
| 9            | 3315  | FOUNDRIES  | 1,544          |
| 10           | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES | 1,461          |
| <b>Total</b> |       |  | <b>914,181</b> |

## ARKANSAS

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 27

9 Quantity of RCRA Hazardous Waste Managed: 1,173,355 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                               | City        | Tons of Waste Managed |
|--------------|--------------|---|-------------|-----------------------|
| 1            | ARD000021998 | LION OIL COMPANY                        | EL DORADO   | 621,652               |
| 2            | ARD006354161 | REYNOLDS METALS COMPANY GUM SPRINGS PLA | ARKADELPHIA | 154,697               |
| 3            | ARD981512270 | ASH GROVE CEMENT COMPANY                | FOREMAN     | 116,325               |
| 4            | ARD981057870 | RINECO CHEMICAL INDUSTRIES, INC.        | BENTON      | 114,572               |
| 5            | ARD069748192 | CLEAN HARBORS EL DORADO                 | EL DORADO   | 66,082                |
| 6            | ARD089234884 | FUTUREFUEL CHEMICAL COMPANY             | BATESVILLE  | 39,575                |
| 7            | ARD982286874 | DOW CHEMICAL COMPANY                    | MAGNOLIA    | 20,779                |
| 8            | ARD983288499 | TRIUMPH AIRBORNE STRUCTURES             | HOT SPRINGS | 16,546                |
| 9            | ARD043195429 | GREAT LAKES CHEMICAL CENTRAL PLANT      | EL DORADO   | 15,531                |
| 10           | ARD000804179 | EVERGREEN PACKAGING PINE BLUFF MILL     | PINE BLUFF  | 5,073                 |
| 11           | ARD077389393 | SLOAN VALVE COMPANY                     | AUGUSTA     | 1,501                 |
| 12           | ARD091688283 | AEROJET-GENERAL CORPORATION             | EAST CAMDEN | 336                   |
| 13           | AR0213820707 | PINE BLUFF ARSENAL                      | PINE BLUFF  | 154                   |
| 14           | ARD092923184 | THE BRYCE COMPANY, LLC                  | SEARCY      | 153                   |
| 15           | ARD982758997 | SOLDER PLATING, LLC DBA B&W PLATING     | VAN BUREN   | 118                   |
| 16           | ARD983273590 | CRANE COMPOSITES, INC                   | JONESBORO   | 69                    |
| 17           | ARD046142956 | RANGER BOATS                            | FLIPPIN     | 44                    |
| 18           | ARD058076811 | ARKANSAS POLY, INC                      | VAN BUREN   | 43                    |
| 19           | ARD055602098 | CRIDER AIRCRAFT PAINTING, INC.          | MENA        | 27                    |
| 20           | ARD980621239 | GEORGIA-PACIFIC CHEMICALS LLC           | CROSSETT    | 25                    |
| 21           | ARD030414494 | HELENA INDUSTRIES, INC                  | WEST HELENA | 18                    |
| 22           | ARD086635018 | FM STRUCTURAL PLASTICS TECHNOLOGY INC.  | ROGERS      | 11                    |
| 23           | ARD005072079 | LACROIX OPTICAL CO.                     | BATESVILLE  | 11                    |
| 24           | ARR000006957 | STREET & PERFORMANCE INC.               | MENA        | 6                     |
| 25           | ARD006355341 | EATON HYDRAULICS, INC.                  | SEARCY      | 6                     |
| 26           | ARD983266487 | ROSE AIRCRAFT FINISHES                  | MENA        | 3                     |
| 27           | ARR000000752 | ARMSTRONG HARDWOOD FLOORING COMPANY - 1 | WARREN      | 0                     |
| <b>Total</b> |              |   |             | <b>1,173,355</b>      |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.  
Facilities reporting storage only and their quantity managed are excluded.

## ARKANSAS

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT       | 16,550                     | 1.4                       | 2                       | 7.4                         |
| AQUEOUS ORGANIC TREATMENT         | 621,652                    | 53.0                      | 1                       | 3.7                         |
| DEEPWELL OR UNDERGROUND INJECTION | 36,310                     | 3.1                       | 2                       | 7.4                         |
| ENERGY RECOVERY                   | 133,293                    | 11.4                      | 3                       | 11.1                        |
| FUEL BLENDING                     | 126,696                    | 10.8                      | 3                       | 11.1                        |
| INCINERATION                      | 91,984                     | 7.8                       | 5                       | 18.5                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 140,725                    | 12.0                      | 3                       | 11.1                        |
| METALS RECOVERY                   | 2                          | 0.0                       | 1                       | 3.7                         |
| OTHER DISPOSAL                    | 5,093                      | 0.4                       | 3                       | 11.1                        |
| OTHER RECOVERY                    | 39                         | 0.0                       | 1                       | 3.7                         |
| OTHER TREATMENT                   | 676                        | 0.1                       | 5                       | 18.5                        |
| SOLVENTS RECOVERY                 | 335                        | 0.0                       | 8                       | 29.6                        |
|                                   | 1,173,355                  | 100.0                     | 27                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT         | 621,652                    | 53.0                      | 1                       | 3.7                         |
| LANDFILL/SURFACE IMPOUNDMENT      | 140,725                    | 12.0                      | 3                       | 11.1                        |
| ENERGY RECOVERY                   | 133,293                    | 11.4                      | 3                       | 11.1                        |
| FUEL BLENDING                     | 126,696                    | 10.8                      | 3                       | 11.1                        |
| INCINERATION                      | 91,984                     | 7.8                       | 5                       | 18.5                        |
| DEEPWELL OR UNDERGROUND INJECTION | 36,310                     | 3.1                       | 2                       | 7.4                         |
| AQUEOUS INORGANIC TREATMENT       | 16,550                     | 1.4                       | 2                       | 7.4                         |
| OTHER DISPOSAL                    | 5,093                      | 0.4                       | 3                       | 11.1                        |
| OTHER TREATMENT                   | 676                        | 0.1                       | 5                       | 18.5                        |
| SOLVENTS RECOVERY                 | 335                        | 0.0                       | 8                       | 29.6                        |
| OTHER RECOVERY                    | 39                         | 0.0                       | 1                       | 3.7                         |
| METALS RECOVERY                   | 2                          | 0.0                       | 1                       | 3.7                         |
|                                   | 1,173,355                  | 100.0                     | 27                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY                 | 335                        | 0.0                       | 8                       | 29.6                        |
| INCINERATION                      | 91,984                     | 7.8                       | 5                       | 18.5                        |
| OTHER TREATMENT                   | 676                        | 0.1                       | 5                       | 18.5                        |
| ENERGY RECOVERY                   | 133,293                    | 11.4                      | 3                       | 11.1                        |
| FUEL BLENDING                     | 126,696                    | 10.8                      | 3                       | 11.1                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 140,725                    | 12.0                      | 3                       | 11.1                        |
| OTHER DISPOSAL                    | 5,093                      | 0.4                       | 3                       | 11.1                        |
| AQUEOUS INORGANIC TREATMENT       | 16,550                     | 1.4                       | 2                       | 7.4                         |
| DEEPWELL OR UNDERGROUND INJECTION | 36,310                     | 3.1                       | 2                       | 7.4                         |
| METALS RECOVERY                   | 2                          | 0.0                       | 1                       | 3.7                         |
| AQUEOUS ORGANIC TREATMENT         | 621,652                    | 53.0                      | 1                       | 3.7                         |
| OTHER RECOVERY                    | 39                         | 0.0                       | 1                       | 3.7                         |
|                                   | 1,173,355                  | 100.0                     | 27                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D002, F003, D003, F005, D035, D007, D008, D011, F002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## ARKANSAS

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 142

16 Quantity of RCRA Hazardous Waste Shipped: 206,634

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID        | Site Name                                     | City              | Quantity Shipped<br>(Tons) |
|--------------|---------------|---|-------------------|----------------------------|
| 1            | ARD981057870  | RINECO CHEMICAL INDUSTRIES, INC.              | BENTON            | 62,387                     |
| 2            | ARD069748192  | CLEAN HARBORS EL DORADO                       | EL DORADO         | 39,655                     |
| 3            | ARD981908890  | NUCOR YAMATO STEEL                            | ARMOREL           | 21,990                     |
| 4            | ARD983278243  | NUCOR STEEL - ARKANSAS                        | BLYTHEVILLE       | 19,753                     |
| 5            | ARD006354161  | REYNOLDS METALS COMPANY GUM SPRINGS PLANT     | ARKADELPHIA       | 15,618                     |
| 6            | ARD053730701  | GERDAU - FORT SMITH MILL                      | FORT SMITH        | 9,280                      |
| 7            | ARD981512270  | ASH GROVE CEMENT COMPANY                      | FOREMAN           | 8,212                      |
| 8            | ARD0213820707 | PINE BLUFF ARSENAL                            | PINE BLUFF        | 7,053                      |
| 9            | ARD983287889  | LYCUS LTD. DBA SYRGIS PERFORMANCE SPECIALTIES | EL DORADO         | 3,799                      |
| 10           | ARD093792067  | BASF CORPORATION                              | WEST MEMPHIS      | 3,460                      |
| 11           | ARR000018374  | PIZO OPERATING COMPANY                        | BLYTHEVILLE       | 1,292                      |
| 12           | ARD000021998  | LION OIL COMPANY                              | EL DORADO         | 1,241                      |
| 13           | ARD983272485  | ARCELORMITTAL PINE BLUFF INC                  | PINE BLUFF        | 1,240                      |
| 14           | ARD092923184  | THE BRYCE COMPANY, LLC                        | SEARCY            | 987                        |
| 15           | ARD007240716  | PPG PROTECTIVE AND MARINE COATINGS            | ALEXANDER         | 810                        |
| 16           | ARR000017053  | UNILEVER MANUFACTURING (US), INC.             | JONESBORO         | 750                        |
| 17           | ARD983267733  | BEKAERT CORPORATION                           | ROGERS            | 652                        |
| 18           | ARD139607048  | EVONIK CYRO LLC                               | OSCEOLA           | 650                        |
| 19           | ARD0000064311 | REMINGTON ARMS COMPANY, LLC                   | LONOKE            | 648                        |
| 20           | ARR000016691  | PRECOAT METALS                                | BLYTHEVILLE       | 470                        |
| 21           | ARR000017574  | DUPONT EL DORADO PLANT                        | EL DORADO         | 459                        |
| 22           | ARD982558595  | AZZ GALVANIZING ARKANSAS                      | PRAIRIE GROVE     | 412                        |
| 23           | ARD000022186  | GREAT LAKES CHEMICAL SOUTH PLANT              | EL DORADO         | 315                        |
| 24           | ARD983267600  | TOKUSEN USA, INC                              | CONWAY            | 275                        |
| 25           | ARD983274770  | MID-AMERICA DISTILLATIONS, INC.               | HOT SPRINGS       | 264                        |
| 26           | ARD053746749  | STELLA-JONES CORPORATION                      | RUSSELLVILLE      | 250                        |
| 27           | ARD038882676  | KAWNEER CO. INC                               | SPRINGDALE        | 246                        |
| 28           | ARD010304475  | TRIUMPH FABRICATIONS HOT SPRINGS              | HOT SPRINGS       | 204                        |
| 29           | ARD043195429  | GREAT LAKES CHEMICAL CENTRAL PLANT            | EL DORADO         | 203                        |
| 30           | ARD077395283  | L'OREAL USA PRODUCTS, INC.                    | NORTH LITTLE ROCK | 202                        |
| 31           | ARD000388983  | KOHLER CO SHERIDAN OPERATIONS                 | SHERIDAN          | 180                        |
| 32           | ARD0000885889 | EVONIK FOAMS                                  | MAGNOLIA          | 159                        |
| 33           | ARR0000000083 | AMERIMAX COATED PRODUCTS, INC.                | HELENA            | 158                        |
| 34           | ARD062145388  | ASHLAND PERFORMANCE MATERIALS                 | FORT SMITH        | 153                        |
| 35           | ARD000604959  | LOCKHEED MARTIN MISSILES & FIRE CONTROL       | EAST CAMDEN       | 140                        |
| 36           | ARD983275504  | HAWKER BEECHCRAFT CORPORATION                 | LITTLE ROCK       | 134                        |
| 37           | ARD006344824  | KOPPERS INC.                                  | NORTH LITTLE ROCK | 124                        |
| 38           | ARD075664243  | PACKAGING SPECIALTIES, INC.                   | FAYETTEVILLE      | 123                        |
| 39           | ARD044484780  | APEX TOOL GROUP                               | SPRINGDALE        | 119                        |
| 40           | ARD075648675  | NATURAL GAS PIPELINE COMPANY - DISTRICT 308   | BIGGERS           | 116                        |
| 41           | ARD089234884  | FUTUREFUEL CHEMICAL COMPANY                   | BATESVILLE        | 107                        |
| 42           | ARD044063576  | MARTIN SPROCKET AND GEAR, INC.                | PARAGOULD         | 99                         |
| 43           | ARD062143938  | DASSAULT FALCON JET                           | LITTLE ROCK       | 96                         |
| 44           | ARD075675785  | BERENFIELD CONTAINERS (SW) LTD.               | PINE BLUFF        | 89                         |
| 45           | ARR000012708  | CRYOVAC DIVISION OF SEALED AIR CORP.          | ROGERS            | 78                         |
| 46           | ARR000008490  | AHTD BRIDGES A5631 & B5631                    | TEXARKANA         | 76                         |
| 47           | ARR000005959  | DRUMCO OF ARKANSAS, INC.                      | ARKADELPHIA       | 75                         |
| 48           | ARD981155427  | JAN-EZE PLATING, INC.                         | NASHVILLE         | 71                         |
| 49           | ARD980877666  | MOLEX LITTLE ROCK CONNECTOR                   | MAUMELLE          | 70                         |
| 50           | ARD983273590  | CRANE COMPOSITES, INC                         | JONESBORO         | 68                         |
| <b>Total</b> |               |   |                   | <b>205,011</b>             |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**ARKANSAS**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 4

**19** Quantity of RCRA Hazardous Waste Received: 240,584 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                 | City        | Quantity Received<br>(Tons) |
|--------------|--------------|---|-------------|-----------------------------|
| 1            | ARD069748192 | CLEAN HARBORS EL DORADO                   | EL DORADO   | 69,077                      |
| 2            | ARD981057870 | RINECO CHEMICAL INDUSTRIES, INC.          | BENTON      | 65,670                      |
| 3            | ARD981512270 | ASH GROVE CEMENT COMPANY                  | FOREMAN     | 60,616                      |
| 4            | ARD006354161 | REYNOLDS METALS COMPANY GUM SPRINGS PLANT | ARKADELPHIA | 45,221                      |
| <b>Total</b> |              |   |             | <b>240,584</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## ARKANSAS

## 2011 WASTE RECEIPTS, CONTINUED

## 21 Quantity of RCRA Hazardous Waste Managed by Management Method

Limited to Waste Received from Offsite, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY              | 61,196                     | 25.4                      | 2                       | 50.0                        |
| FUEL BLENDING                | 62,666                     | 26.0                      | 2                       | 50.0                        |
| INCINERATION                 | 64,025                     | 26.6                      | 1                       | 25.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 45,221                     | 18.8                      | 1                       | 25.0                        |
| METALS RECOVERY              | 2                          | 0.0                       | 1                       | 25.0                        |
| OTHER RECOVERY               | 39                         | 0.0                       | 1                       | 25.0                        |
| STORAGE AND/OR TRANSFER      | 7,434                      | 3.1                       | 2                       | 50.0                        |
|                              | 240,584                    | 100.0                     | 4                       |                             |

## 22 Management Method by Quantity of RCRA Hazardous Waste Managed

Limited to Waste Received from Offsite, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION                 | 64,025                     | 26.6                      | 1                       | 25.0                        |
| FUEL BLENDING                | 62,666                     | 26.0                      | 2                       | 50.0                        |
| ENERGY RECOVERY              | 61,196                     | 25.4                      | 2                       | 50.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 45,221                     | 18.8                      | 1                       | 25.0                        |
| STORAGE AND/OR TRANSFER      | 7,434                      | 3.1                       | 2                       | 50.0                        |
| OTHER RECOVERY               | 39                         | 0.0                       | 1                       | 25.0                        |
| METALS RECOVERY              | 2                          | 0.0                       | 1                       | 25.0                        |
|                              | 240,584                    | 100.0                     | 4                       |                             |

## 23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities

Limited to Waste Received from Offsite, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 7,434                      | 3.1                       | 2                       | 50.0                        |
| ENERGY RECOVERY              | 61,196                     | 25.4                      | 2                       | 50.0                        |
| FUEL BLENDING                | 62,666                     | 26.0                      | 2                       | 50.0                        |
| METALS RECOVERY              | 2                          | 0.0                       | 1                       | 25.0                        |
| OTHER RECOVERY               | 39                         | 0.0                       | 1                       | 25.0                        |
| INCINERATION                 | 64,025                     | 26.6                      | 1                       | 25.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 45,221                     | 18.8                      | 1                       | 25.0                        |
|                              | 240,584                    | 100.0                     | 4                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## ARKANSAS

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 177,690 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 207,494 Tons

**26 Arkansas Interstate Shipment / Receipts (As reported by Arkansas):**

The State to which Arkansas shipped the largest quantity of waste was Oklahoma (44,532 tons).

The State that shipped the largest quantity of waste to Arkansas was Texas (58,436 tons).

## CALIFORNIA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 1,249

2 Quantity of RCRA Hazardous Waste Generated: 534,704 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City                   | Total Generated<br>(Tons) |
|--------------|--------------|---|------------------------|---------------------------|
| 1            | CAD076528678 | THE DOW CHEMICAL COMPANY                    | PITTSBURG              | 79,588                    |
| 2            | CAD041319294 | UNITED AIRLINES - SFO MAINTENANCE CENTER    | SAN FRANCISCO          | 75,920                    |
| 3            | CAD008271090 | PALACE PLATING                              | LOS ANGELES            | 54,687                    |
| 4            | CAD008302903 | VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.       | AZUSA                  | 20,643                    |
| 5            | CAD088504881 | KINSBURSKY BROTHERS SUPPLY INC.             | ANAHEIM                | 20,501                    |
| 6            | CAD003934601 | THE SHERWIN-WILLIAMS COMPANY                | EMERYVILLE             | 18,972                    |
| 7            | CAD097854541 | EXIDE TECHNOLOGIES INCORPORATED             | LOS ANGELES            | 15,011                    |
| 8            | CAD009164021 | SHELL OIL PRODUCTS US, MARTINEZ REFINERY    | MARTINEZ               | 12,802                    |
| 9            | CAD066233966 | QUEMETCO, INC                               | CITY OF INDUSTRY       | 12,437                    |
| 10           | CAD000628032 | AIRCRAFT X-RAY LABORATORIES, INC.           | HUNTINGTON PARK        | 11,192                    |
| 11           | CAR000069153 | AMPAC FINE CHEMICALS LLC                    | RANCHO CORDOVA         | 10,849                    |
| 12           | CA0001019694 | US NAVY BRAC PMO-W (HPS)                    | SAN FRANCISCO          | 7,715                     |
| 13           | CAD001216548 | JENNINGS TECHNOLOGY LLC                     | SAN JOSE               | 7,628                     |
| 14           | CAD041844002 | WEST COUNTY LANDFILL INC                    | RICHMOND               | 6,453                     |
| 15           | CAR000001636 | SOLYNDRA LLC (B1)                           | FREMONT                | 6,256                     |
| 16           | CAD008252405 | PACIFIC RESOURCE RECOVERY                   | LOS ANGELES            | 5,462                     |
| 17           | CAD009539321 | MOLYCORP MINERALS, LLC                      | MOUNTAIN PASS          | 5,390                     |
| 18           | CAP000210955 | FORMER HAMILTON ARMY AIR FIELD              | NOVATO                 | 4,924                     |
| 19           | CAD008294829 | B&C PLATING COMPANY                         | LOS ANGELES            | 4,195                     |
| 20           | CAD077227049 | BP WEST COAST PRODUCTS, LLC, CARSON REFINER | CARSON,                | 4,010                     |
| 21           | CAT000646117 | CHEMICAL WASTE MANAGEMENT, INC.             | KETTLEMAN CITY         | 3,925                     |
| 22           | CAD092694538 | GRIFOLS BIOLOGICALS INC                     | LOS ANGELES            | 3,800                     |
| 23           | CAD008386641 | TELEDYNE BATTERY PRODUCTS                   | REDLANDS               | 3,501                     |
| 24           | CA0170090013 | MARINE CORPS AIR GROUND COMBAT CENTER       | MCAGCC TWENTYNINE PALI | 3,257                     |
| 25           | CAD009108705 | CONOCOPHILLIPS COMPANY - SAN FRANCISCO REF  | RODEO                  | 3,055                     |
| 26           | CAD009114919 | CHEVRON U.S.A. INC. RICHMOND REFINERY       | RICHMOND               | 2,740                     |
| 27           | CAT080013352 | DEMENNO KERDOON                             | COMPTON                | 2,527                     |
| 28           | CAR000158964 | LEADING EDGE AVIATION SERVICES, INC.        | VICTORVILLE            | 2,499                     |
| 29           | CAD063001770 | VALERO REFINING COMPANY - CALIFORNIA        | BENICIA                | 2,482                     |
| 30           | CA0001037902 | SIERRA ALUMINUM COMPANY                     | FONTANA                | 2,396                     |
| 31           | CAD008336901 | CHEVRON, EL SEGUNDO REFINERY                | EL SEGUNDO             | 2,233                     |
| 32           | CAR000194811 | SOLOPOWER, INC.                             | SAN JOSE               | 2,131                     |
| 33           | CAD008344228 | CRITERION CATALYST                          | AZUSA                  | 1,971                     |
| 34           | CAD001705235 | UNITED TECHNOLOGIES CORPORATION             | SAN JOSE               | 1,830                     |
| 35           | CAD008382053 | ROHR INC. DBA GOODRICH AEROSTRUCTURES       | CHULA VISTA            | 1,676                     |
| 36           | CAD072260052 | MAXIMA ENTERPRISES, INC.                    | HARBOR CITY            | 1,669                     |
| 37           | CAL000364829 | 3677 BANDINI BLVD                           | VERNON                 | 1,501                     |
| 38           | CAD093365435 | THE BOEING COMPANY - SSFL 1, 2, 3, 4        | SIMI VALLEY            | 1,477                     |
| 39           | CAR000205419 | CALTRANS MULHOLLAND YARD WEST               | LOS ANGELES            | 1,458                     |
| 40           | CAL000360652 | WEST COUNTY CONNECTORS WEST SEGMENT         | SEAL BEACH             | 1,368                     |
| 41           | CAT080011570 | HUNTERS POINT POWER PLANT                   | SAN FRANCISCO          | 1,365                     |
| 42           | CAD008479479 | ANODYNE INC.                                | SANTA ANA              | 1,320                     |
| 43           | CAD043555366 | SOLUTIA INC. CARSON SITE                    | CARSON                 | 1,315                     |
| 44           | CAD981161870 | STRINGFELLOW HAZARDOUS WASTE SITE           | RIVERSIDE              | 1,297                     |
| 45           | CAD008354052 | EXXONMOBIL OIL CORP TORRANCE REFINERY       | TORRANCE               | 1,264                     |
| 46           | CAT080033681 | D/K ENVIRONMENTAL                           | VERNON                 | 1,253                     |
| 47           | CAR000177519 | GOLDEN STATE WATER COMPANY - EDNA ROAD WA   | SAN LUIS OBISPO        | 1,251                     |
| 48           | CAD097030993 | SIEMENS INDUSTRY, INC.                      | VERNON                 | 1,103                     |
| 49           | CAD043079110 | ASSOCIATED PLATING COMPANY                  | SANTA FE SPRINGS       | 1,098                     |
| 50           | CAD009679077 | LOCKHEED MARTIN AERONAUTICS - PALMDALE PLA  | PALMDALE               | 1,033                     |
| <b>Total</b> |              |   |                        | <b>444,429</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## CALIFORNIA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 11,277                  | ONLY AN F CODE                | 29,385                  |  |                         |
| ONLY CORROSIVE                        | 19,251                  | ONLY A K CODE                 | 14,788                  |  |                         |
| ONLY REACTIVE                         | 344                     | ONLY A P CODE                 | 617                     |  |                         |
| ONLY D004-17                          | 218,068                 | ONLY A U CODE                 | 1,208                   |  |                         |
| ONLY D018-43                          | 79,812                  |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 39,940                  | HAS MORE THAN ONE LISTED CODE | 920                     |  |                         |
| <b>TOTAL</b>                          | <b>368,692</b>          | <b>TOTAL</b>                  | <b>46,918</b>           | <b>Both Characteristic and Listed</b>          | <b>119,013</b>          |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 10,604                  |   |                         | IGN. W/ AT LEAST 1 LSTD              | 49,856                  |
| HAS CORROSIVE CODE  | 29,800                  |   |                         | CORR. W/ AT LEAST 1 LSTD             | 73,749                  |
| HAS REACTIVE CODE   | 355                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 1,191                   |
| HAS D004-D017 CODE  | 30,710                  |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 89,976                  |
| HAS D018-D043 CODE  | 9,134                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 33,443                  |
|   |                         | HAS AN F CODE                           | 916                     | F WASTE W/ AT LEAST 1 CHAR           | 112,347                 |
|   |                         | HAS A K CODE                            | 776                     | K WASTE W/ AT LEAST 1 CHAR           | 18,915                  |
|   |                         | HAS A P CODE                            | 4                       | P WASTE W/ AT LEAST 1 CHAR           | 1,325                   |
|   |                         | HAS A U CODE                            | 145                     | U WASTE W/ AT LEAST 1 CHAR           | 24,578                  |
| <b>TOTAL</b>  | <b>39,940</b>           | <b>TOTAL</b>                            | <b>920</b>              | <b>TOTAL</b>                         | <b>119,013</b>          |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, D007, D008, F005, D035, D006, F002, D003

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING         | 81,017         |
| 2            | 4811  | SCHEDULED AIR TRANSPORTATION                                 | 75,962         |
| 3            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES     | 70,835         |
| 4            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING | 48,491         |
| 5            | 5622  | WASTE TREATMENT AND DISPOSAL                                 | 39,317         |
| 6            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                    | 33,982         |
| 7            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING   | 21,603         |
| 8            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                   | 20,218         |
| 9            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                  | 19,343         |
| 10           | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                    | 18,453         |
| <b>Total</b> |       |  | <b>429,220</b> |

## CALIFORNIA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 72

9 Quantity of RCRA Hazardous Waste Managed: 325,979 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City             | Tons of Waste Managed |
|--------------|--------------|--|------------------|-----------------------|
| 1            | CAD076528678 | THE DOW CHEMICAL COMPANY                     | PITTSBURG        | 75,998                |
| 2            | CAD008271090 | PALACE PLATING                               | LOS ANGELES      | 54,153                |
| 3            | CAD980675276 | CLEAN HARBORS BUTTONWILLOW, LLC              | BUTTONWILLOW     | 24,018                |
| 4            | CAD097854541 | EXIDE TECHNOLOGIES INCORPORATED              | LOS ANGELES      | 23,403                |
| 5            | CAD097030993 | SIEMENS INDUSTRY, INC.                       | VERNON           | 21,107                |
| 6            | CAD008488025 | PHIBRO-TECH INC.                             | SANTA FE SPRINGS | 20,785                |
| 7            | CAD982435026 | KW PLASTICS OF CALIFORNIA                    | BAKERSFIELD      | 13,033                |
| 8            | CAT080013352 | DEMENNO KERDOON                              | COMPTON          | 11,565                |
| 9            | CAD009164021 | SHELL OIL PRODUCTS US, MARTINEZ REFINERY     | MARTINEZ         | 11,235                |
| 10           | CAD000628032 | AIRCRAFT X-RAY LABORATORIES, INC.            | HUNTINGTON PARK  | 11,164                |
| 11           | CAT000646117 | CHEMICAL WASTE MANAGEMENT, INC.              | KETTLEMAN CITY   | 8,386                 |
| 12           | CAD001216548 | JENNINGS TECHNOLOGY LLC                      | SAN JOSE         | 7,595                 |
| 13           | CAD041844002 | WEST COUNTY LANDFILL INC                     | RICHMOND         | 6,238                 |
| 14           | CAD059494310 | CLEAN HARBORS SAN JOSE, LLC                  | SAN JOSE         | 6,006                 |
| 15           | CAD008252405 | PACIFIC RESOURCE RECOVERY                    | LOS ANGELES      | 4,755                 |
| 16           | CAD008294829 | B&C PLATING COMPANY                          | LOS ANGELES      | 4,173                 |
| 17           | CAD008386641 | TELEDYNE BATTERY PRODUCTS                    | REDLANDS         | 3,311                 |
| 18           | CAD088504881 | KINSBURSKY BROTHERS SUPPLY INC.              | ANAHEIM          | 2,439                 |
| 19           | CA0001037902 | SIERRA ALUMINUM COMPANY                      | FONTANA          | 2,276                 |
| 20           | CAD981420821 | LINEAR TECHNOLOGY CORPORATION                | MILPITAS         | 1,933                 |
| 21           | CAD008302903 | VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.        | AZUSA            | 1,557                 |
| 22           | CAD066233966 | QUEMETCO, INC                                | CITY OF INDUSTRY | 1,291                 |
| 23           | CAD008479479 | ANODYNE INC.                                 | SANTA ANA        | 1,221                 |
| 24           | CAD043079110 | ASSOCIATED PLATING COMPANY                   | SANTA FE SPRINGS | 1,088                 |
| 25           | CAD077227049 | BP WEST COAST PRODUCTS, LLC, CARSON REFIN    | CARSON,          | 1,031                 |
| 26           | CAD009679077 | LOCKHEED MARTIN AERONAUTICS - PALMDALE PL    | PALMDALE         | 863                   |
| 27           | CAD028409019 | CROSBY & OVERTON                             | LONG BEACH       | 702                   |
| 28           | CAD008364432 | RHO-CHEM LLC                                 | INGLEWOOD        | 658                   |
| 29           | CAD982030678 | SIERRA ALUMINUM COMPANY                      | FONTANA          | 600                   |
| 30           | CA7170090016 | NAVAL AIR STATION (NASNI) FACILITY COMPLEX C | SAN DIEGO        | 525                   |
| 31           | CAL000024110 | P KAY METAL, INC.                            | LOS ANGELES      | 384                   |
| 32           | CAR000010975 | SONIC PLATING, INC.                          | GARDENA          | 342                   |
| 33           | CAR000155887 | U.S. CIRCUIT, INC.                           | ESCONDIDO        | 319                   |
| 34           | CAD982052797 | J&B ENTERPRISES                              | SANTA CLARA      | 246                   |
| 35           | CAR000160879 | MAGIC TECHNOLOGIES, INC.                     | MILPITAS         | 227                   |
| 36           | CAD008506065 | QUAKER CITY PLATING/SILVER SMITH LTD.        | WHITTIER         | 227                   |
| 37           | CAR000121608 | AMERICAN PEPTIDE COMPANY, INC.               | VISTA            | 144                   |
| 38           | CAR000112813 | NEW AGE METAL FINISHING                      | FRESNO           | 137                   |
| 39           | CAD981462377 | GOODRICH CORPORATION                         | SANTA FE SPRINGS | 129                   |
| 40           | CAR000007468 | POLESE COMPANY, INC                          | SAN DIEGO        | 101                   |
| 41           | CAD069124717 | XSTRATA RECYCLING, INC.                      | SAN JOSE         | 85                    |
| 42           | CAD981379100 | ALUMIN-ART PLATING COMPANY, INC              | ONTARIO          | 62                    |
| 43           | CAD981399959 | ELCON PRECISION LLC                          | SAN JOSE         | 54                    |
| 44           | CAD057470064 | METAL COATERS OF CALIFORNIA                  | RANCHO CUCAMONGA | 50                    |
| 45           | CAD093245645 | DUCOMMUN AEROSTRUCTURES                      | EL MIRAGE        | 49                    |
| 46           | CAR000205997 | ARCADIA, INC.                                | VERNON           | 45                    |
| 47           | CAD981452857 | HERMETIC SEAL CORPORATION                    | ROSEMEAD         | 37                    |
| 48           | CAD047896097 | KYOCERA AMERICA, INC                         | SAN DIEGO        | 34                    |
| 49           | CA2170023152 | NAVAL AIR WEAPONS STATION CHINA LAKE         | CHINA LAKE       | 31                    |
| 50           | CAR000017871 | OAKLEY INC.                                  | FOOTHILL RANCH   | 27                    |
| <b>Total</b> |              |  |                  | <b>325,838</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## CALIFORNIA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 34,254                     | 10.5                      | 15                      | 20.8                        |
| AQUEOUS ORGANIC TREATMENT    | 130                        | 0.0                       | 2                       | 2.8                         |
| ENERGY RECOVERY              | 11,235                     | 3.4                       | 1                       | 1.4                         |
| FUEL BLENDING                | 6,626                      | 2.0                       | 6                       | 8.3                         |
| INCINERATION                 | 1,152                      | 0.4                       | 3                       | 4.2                         |
| LANDFILL/SURFACE IMPOUNDMENT | 24,513                     | 7.5                       | 3                       | 4.2                         |
| METALS RECOVERY              | 43,720                     | 13.4                      | 13                      | 18.1                        |
| OTHER DISPOSAL               | 159,767                    | 49.0                      | 11                      | 15.3                        |
| OTHER RECOVERY               | 30,551                     | 9.4                       | 7                       | 9.7                         |
| OTHER TREATMENT              | 5,888                      | 1.8                       | 19                      | 26.4                        |
| SLUDGE TREATMENT             | 264                        | 0.1                       | 2                       | 2.8                         |
| SOLVENTS RECOVERY            | 1,402                      | 0.4                       | 10                      | 13.9                        |
| STABILIZATION                | 6,479                      | 2.0                       | 3                       | 4.2                         |
|                              | 325,979                    | 100.0                     | 72                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL               | 159,767                    | 49.0                      | 11                      | 15.3                        |
| METALS RECOVERY              | 43,720                     | 13.4                      | 13                      | 18.1                        |
| AQUEOUS INORGANIC TREATMENT  | 34,254                     | 10.5                      | 15                      | 20.8                        |
| OTHER RECOVERY               | 30,551                     | 9.4                       | 7                       | 9.7                         |
| LANDFILL/SURFACE IMPOUNDMENT | 24,513                     | 7.5                       | 3                       | 4.2                         |
| ENERGY RECOVERY              | 11,235                     | 3.4                       | 1                       | 1.4                         |
| FUEL BLENDING                | 6,626                      | 2.0                       | 6                       | 8.3                         |
| STABILIZATION                | 6,479                      | 2.0                       | 3                       | 4.2                         |
| OTHER TREATMENT              | 5,888                      | 1.8                       | 19                      | 26.4                        |
| SOLVENTS RECOVERY            | 1,402                      | 0.4                       | 10                      | 13.9                        |
| INCINERATION                 | 1,152                      | 0.4                       | 3                       | 4.2                         |
| SLUDGE TREATMENT             | 264                        | 0.1                       | 2                       | 2.8                         |
| AQUEOUS ORGANIC TREATMENT    | 130                        | 0.0                       | 2                       | 2.8                         |
|                              | 325,979                    | 100.0                     | 72                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT              | 5,888                      | 1.8                       | 19                      | 26.4                        |
| AQUEOUS INORGANIC TREATMENT  | 34,254                     | 10.5                      | 15                      | 20.8                        |
| METALS RECOVERY              | 43,720                     | 13.4                      | 13                      | 18.1                        |
| OTHER DISPOSAL               | 159,767                    | 49.0                      | 11                      | 15.3                        |
| SOLVENTS RECOVERY            | 1,402                      | 0.4                       | 10                      | 13.9                        |
| OTHER RECOVERY               | 30,551                     | 9.4                       | 7                       | 9.7                         |
| FUEL BLENDING                | 6,626                      | 2.0                       | 6                       | 8.3                         |
| STABILIZATION                | 6,479                      | 2.0                       | 3                       | 4.2                         |
| LANDFILL/SURFACE IMPOUNDMENT | 24,513                     | 7.5                       | 3                       | 4.2                         |
| INCINERATION                 | 1,152                      | 0.4                       | 3                       | 4.2                         |
| SLUDGE TREATMENT             | 264                        | 0.1                       | 2                       | 2.8                         |
| AQUEOUS ORGANIC TREATMENT    | 130                        | 0.0                       | 2                       | 2.8                         |
| ENERGY RECOVERY              | 11,235                     | 3.4                       | 1                       | 1.4                         |
|                              | 325,979                    | 100.0                     | 72                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, D002, D018, F005, D035, U002, U154, U159, D007

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## CALIFORNIA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 1,252

16 Quantity of RCRA Hazardous Waste Shipped: 428,745

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                  | City                   | Quantity Shipped<br>(Tons) |
|-------|--------------|--|------------------------|----------------------------|
| 1     | CAD041319294 | UNITED AIRLINES - SFO MAINTENANCE CENTER   | SAN FRANCISCO          | 75,941                     |
| 2     | CAD008302903 | VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.      | AZUSA                  | 30,038                     |
| 3     | CAD059494310 | CLEAN HARBORS SAN JOSE, LLC                | SAN JOSE               | 23,070                     |
| 4     | CAD028409019 | CROSBY & OVERTON                           | LONG BEACH             | 22,722                     |
| 5     | CAD003934601 | THE SHERWIN-WILLIAMS COMPANY               | EMERYVILLE             | 18,972                     |
| 6     | CAD097854541 | EXIDE TECHNOLOGIES INCORPORATED            | LOS ANGELES            | 15,011                     |
| 7     | CAD066233966 | QUEMETCO, INC                              | CITY OF INDUSTRY       | 12,437                     |
| 8     | CAL000191813 | CLEAN HARBORS SAN JOSE RAIL SPUR TRANSFER  | SAN JOSE               | 11,136                     |
| 9     | CAR000069153 | AMPAC FINE CHEMICALS LLC                   | RANCHO CORDOVA         | 10,849                     |
| 10    | CAD097030993 | SIEMENS INDUSTRY, INC.                     | VERNON                 | 8,008                      |
| 11    | CA0001019694 | US NAVY BRAC PMO-W (HPS)                   | SAN FRANCISCO          | 7,715                      |
| 12    | CAR000001636 | SOLYNDRA LLC (B1)                          | FREMONT                | 6,256                      |
| 13    | CAD088504881 | KINSBURSKY BROTHERS SUPPLY INC.            | ANAHEIM                | 6,109                      |
| 14    | CAD009539321 | MOLYCORP MINERALS, LLC                     | MOUNTAIN PASS          | 5,390                      |
| 15    | CAD044429835 | CLEAN HARBORS WILMINGTON, LLC              | WILMINGTON             | 4,946                      |
| 16    | CAP000210955 | FORMER HAMILTON ARMY AIR FIELD             | NOVATO                 | 4,924                      |
| 17    | CAD008364432 | RHO-CHEM LLC                               | INGLEWOOD              | 4,404                      |
| 18    | CAD982439895 | CLEAN HARBORS ENVIRONMENTAL SERVICES PO    | REDWOOD CITY           | 4,184                      |
| 19    | CAD008252405 | PACIFIC RESOURCE RECOVERY                  | LOS ANGELES            | 4,046                      |
| 20    | CAD980675276 | CLEAN HARBORS BUTTONWILLOW, LLC            | BUTTONWILLOW           | 3,949                      |
| 21    | CAD092694538 | GRIFOLS BIOLOGICALS INC                    | LOS ANGELES            | 3,800                      |
| 22    | CAT080013352 | DEMENNO KERDOON                            | COMPTON                | 3,787                      |
| 23    | CAD076528678 | THE DOW CHEMICAL COMPANY                   | PITTSBURG              | 3,590                      |
| 24    | CA0170090013 | MARINE CORPS AIR GROUND COMBAT CENTER      | MCAGCC TWENTYNINE PALM | 3,257                      |
| 25    | CAD009108705 | CONOCOPHILLIPS COMPANY - SAN FRANCISCO RE  | RODEO                  | 3,055                      |
| 26    | CAD077227049 | BP WEST COAST PRODUCTS, LLC, CARSON REFINI | CARSON,                | 2,979                      |
| 27    | CAR000194811 | SOLOPOWER, INC.                            | SAN JOSE               | 2,898                      |
| 28    | CAD009114919 | CHEVRON U.S.A. INC. RICHMOND REFINERY      | RICHMOND               | 2,745                      |
| 29    | CAD980884183 | GEM RANCHO CORDOVA LLC                     | RANCHO CORDOVA         | 2,687                      |
| 30    | CAR000158964 | LEADING EDGE AVIATION SERVICES, INC.       | VICTORVILLE            | 2,499                      |
| 31    | CAD063001770 | VALERO REFINING COMPANY - CALIFORNIA       | BENICIA                | 2,482                      |
| 32    | CAD008336901 | CHEVRON, EL SEGUNDO REFINERY               | EL SEGUNDO             | 2,388                      |
| 33    | CAD008344228 | CRITERION CATALYST                         | AZUSA                  | 1,971                      |
| 34    | CAD001705235 | UNITED TECHNOLOGIES CORPORATION            | SAN JOSE               | 1,830                      |
| 35    | CAD008382053 | ROHR INC. DBA GOODRICH AEROSTRUCTURES      | CHULA VISTA            | 1,676                      |
| 36    | CAD072260052 | MAXIMA ENTERPRISES, INC.                   | HARBOR CITY            | 1,669                      |
| 37    | CAD009164021 | SHELL OIL PRODUCTS US, MARTINEZ REFINERY   | MARTINEZ               | 1,549                      |
| 38    | CAL000364829 | 3677 BANDINI BLVD                          | VERNON                 | 1,501                      |
| 39    | CAD093365435 | THE BOEING COMPANY - SSFL 1, 2, 3, 4       | SIMI VALLEY            | 1,477                      |
| 40    | CAR000205419 | CALTRANS MULHOLLAND YARD WEST              | LOS ANGELES            | 1,458                      |
| 41    | CAL000360652 | WEST COUNTY CONNECTORS WEST SEGMENT        | SEAL BEACH             | 1,368                      |
| 42    | CAD043555366 | SOLUTIA INC. CARSON SITE                   | CARSON                 | 1,367                      |
| 43    | CAT080011570 | HUNTERS POINT POWER PLANT                  | SAN FRANCISCO          | 1,365                      |
| 44    | CAD981161870 | STRINGFELLOW HAZARDOUS WASTE SITE          | RIVERSIDE              | 1,297                      |
| 45    | CAD008354052 | EXXONMOBIL OIL CORP TORRANCE REFINERY      | TORRANCE               | 1,283                      |
| 46    | CAT080033681 | D/K ENVIRONMENTAL                          | VERNON                 | 1,253                      |
| 47    | CAR000177519 | GOLDEN STATE WATER COMPANY - EDNA ROAD W   | SAN LUIS OBISPO        | 1,251                      |
| 48    | CA0000084517 | SAFETY-KLEEN SYSTEMS, INC                  | SACRAMENTO             | 1,220                      |
| 49    | CAD120849963 | TTM TECHNOLOGIES, INC                      | SANTA ANA              | 973                        |
| 50    | CAL000332041 | ALTA DEVICES                               | SANTA CLARA            | 945                        |
| Total |              |  |                        | 341,727                    |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## CALIFORNIA

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 41

19 Quantity of RCRA Hazardous Waste Received: 183,117 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                      | City             | Quantity Received<br>(Tons) |
|--------------|--------------|--|------------------|-----------------------------|
| 1            | CAD097030993 | SIEMENS INDUSTRY, INC.                         | VERNON           | 25,231                      |
| 2            | CAD980675276 | CLEAN HARBORS BUTTONWILLOW, LLC                | BUTTONWILLOW     | 23,999                      |
| 3            | CAD097854541 | EXIDE TECHNOLOGIES INCORPORATED                | LOS ANGELES      | 23,403                      |
| 4            | CAD008488025 | PHIBRO-TECH INC.                               | SANTA FE SPRINGS | 20,902                      |
| 5            | CAD059494310 | CLEAN HARBORS SAN JOSE, LLC                    | SAN JOSE         | 19,234                      |
| 6            | CAD982435026 | KW PLASTICS OF CALIFORNIA                      | BAKERSFIELD      | 13,033                      |
| 7            | CAT080013352 | DEMENNO KERDOON                                | COMPTON          | 11,565                      |
| 8            | CAL000191813 | CLEAN HARBORS SAN JOSE RAIL SPUR TRANSFER F    | SAN JOSE         | 10,568                      |
| 9            | CAD008252405 | PACIFIC RESOURCE RECOVERY                      | LOS ANGELES      | 5,205                       |
| 10           | CAT000646117 | CHEMICAL WASTE MANAGEMENT, INC.                | KETTLEMAN CITY   | 4,831                       |
| 11           | CAD982439895 | CLEAN HARBORS ENVIRONMENTAL SERVICES PORT      | REDWOOD CITY     | 3,678                       |
| 12           | CAD044429835 | CLEAN HARBORS WILMINGTON, LLC                  | WILMINGTON       | 3,346                       |
| 13           | CAD008364432 | RHO-CHEM LLC                                   | INGLEWOOD        | 3,281                       |
| 14           | CAD088504881 | KINSBURSKY BROTHERS SUPPLY INC.                | ANAHEIM          | 2,723                       |
| 15           | CAD980884183 | GEM RANCHO CORDOVA LLC                         | RANCHO CORDOVA   | 2,613                       |
| 16           | CAD028409019 | CROSBY & OVERTON                               | LONG BEACH       | 2,354                       |
| 17           | CAD008302903 | VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.          | AZUSA            | 1,981                       |
| 18           | CAD066233966 | QUEMETCO, INC                                  | CITY OF INDUSTRY | 1,291                       |
| 19           | CAT080014079 | VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.          | RICHMOND         | 862                         |
| 20           | CAT000613893 | SAFETY-KLEEN SYSTEMS, INC                      | EL MONTE         | 683                         |
| 21           | CA7170090016 | NAVAL AIR STATION (NASNI) FACILITY COMPLEX COR | SAN DIEGO        | 517                         |
| 22           | CA0000084517 | SAFETY-KLEEN SYSTEMS, INC                      | SACRAMENTO       | 429                         |
| 23           | CAL000024110 | P KAY METAL, INC.                              | LOS ANGELES      | 384                         |
| 24           | CAD003963592 | ECS REFINING                                   | SANTA CLARA      | 338                         |
| 25           | CAT000613976 | SAFETY-KLEEN SYSTEMS, INC                      | SANTA ANA        | 141                         |
| 26           | CAD982052797 | J&B ENTERPRISES                                | SANTA CLARA      | 120                         |
| 27           | CA6170024289 | NAVAL BASE (32ND ST), HAZARDOUS WASTE FACILITY | SAN DIEGO        | 90                          |
| 28           | CAD069124717 | XSTRATA RECYCLING, INC.                        | SAN JOSE         | 85                          |
| 29           | CAD050806850 | CLEAN HARBORS LOS ANGELES, LLC                 | LOS ANGELES      | 79                          |
| 30           | CAT000625137 | SOUTHERN CALIFORNIA GAS COMPANY - PICO RIVER   | PICO RIVERA      | 39                          |
| 31           | CA2890012584 | LAWRENCE LIVERMORE NATIONAL LABORATORY         | LIVERMORE        | 20                          |
| 32           | CAD060897063 | BOEING SATELLITE SYSTEMS, INC.                 | EL SEGUNDO       | 18                          |
| 33           | CAT000613927 | SAFETY-KLEEN SYSTEMS, INC                      | HIGHLAND         | 17                          |
| 34           | CAD981168107 | SAN DIEGO GAS AND ELECTRIC-MIRAMAR             | SAN DIEGO        | 12                          |
| 35           | CAD060398229 | HERAEUS METAL PROCESSING, LLC                  | SANTA FE SPRINGS | 12                          |
| 36           | CAD982411993 | AERC.COM, INC.                                 | HAYWARD          | 12                          |
| 37           | CAL000110141 | DAVID H. FELL AND COMPANY, INC.                | BELL             | 8                           |
| 38           | CAD000633230 | RAYTHEON COMPANY, SPACE AND AIRBORNE SYSTE     | EL SEGUNDO       | 8                           |
| 39           | CAD980888598 | WIT SALES AND REFINING                         | SAN JOSE         | 2                           |
| 40           | CAR000019430 | NASNI MIXED WASTE STORAGE FACILITY             | SAN DIEGO        | 0                           |
| 41           | CAL000098454 | ATLAS PRECIOUS METALS, INC.                    | LOS ANGELES      | 0                           |
| <b>Total</b> |              |  |                  | <b>183,117</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## CALIFORNIA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 6,399                      | 3.5                       | 3                       | 7.3                         |
| FUEL BLENDING                | 6,626                      | 3.6                       | 6                       | 14.6                        |
| LANDFILL/SURFACE IMPOUNDMENT | 24,160                     | 13.2                      | 3                       | 7.3                         |
| METALS RECOVERY              | 43,264                     | 23.6                      | 12                      | 29.3                        |
| OTHER DISPOSAL               | 21,795                     | 11.9                      | 4                       | 9.8                         |
| OTHER RECOVERY               | 26,209                     | 14.3                      | 5                       | 12.2                        |
| OTHER TREATMENT              | 4,178                      | 2.3                       | 4                       | 9.8                         |
| SOLVENTS RECOVERY            | 796                        | 0.4                       | 3                       | 7.3                         |
| STABILIZATION                | 3,315                      | 1.8                       | 2                       | 4.9                         |
| STORAGE AND/OR TRANSFER      | 46,375                     | 25.3                      | 30                      | 73.2                        |
|                              | 183,117                    | 100.0                     | 41                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 46,375                     | 25.3                      | 30                      | 73.2                        |
| METALS RECOVERY              | 43,264                     | 23.6                      | 12                      | 29.3                        |
| OTHER RECOVERY               | 26,209                     | 14.3                      | 5                       | 12.2                        |
| LANDFILL/SURFACE IMPOUNDMENT | 24,160                     | 13.2                      | 3                       | 7.3                         |
| OTHER DISPOSAL               | 21,795                     | 11.9                      | 4                       | 9.8                         |
| FUEL BLENDING                | 6,626                      | 3.6                       | 6                       | 14.6                        |
| AQUEOUS INORGANIC TREATMENT  | 6,399                      | 3.5                       | 3                       | 7.3                         |
| OTHER TREATMENT              | 4,178                      | 2.3                       | 4                       | 9.8                         |
| STABILIZATION                | 3,315                      | 1.8                       | 2                       | 4.9                         |
| SOLVENTS RECOVERY            | 796                        | 0.4                       | 3                       | 7.3                         |
|                              | 183,117                    | 100.0                     | 41                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 46,375                     | 25.3                      | 30                      | 73.2                        |
| METALS RECOVERY              | 43,264                     | 23.6                      | 12                      | 29.3                        |
| FUEL BLENDING                | 6,626                      | 3.6                       | 6                       | 14.6                        |
| OTHER RECOVERY               | 26,209                     | 14.3                      | 5                       | 12.2                        |
| OTHER DISPOSAL               | 21,795                     | 11.9                      | 4                       | 9.8                         |
| OTHER TREATMENT              | 4,178                      | 2.3                       | 4                       | 9.8                         |
| LANDFILL/SURFACE IMPOUNDMENT | 24,160                     | 13.2                      | 3                       | 7.3                         |
| SOLVENTS RECOVERY            | 796                        | 0.4                       | 3                       | 7.3                         |
| AQUEOUS INORGANIC TREATMENT  | 6,399                      | 3.5                       | 3                       | 7.3                         |
| STABILIZATION                | 3,315                      | 1.8                       | 2                       | 4.9                         |
|                              | 183,117                    | 100.0                     | 41                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## CALIFORNIA

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 272,885 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 10,452 Tons

**26 California Interstate Shipment / Receipts (As reported by California):**

The State to which California shipped the largest quantity of waste was Nevada (141,660 tons).

The State that shipped the largest quantity of waste to California was Arizona (4,342 tons).

## COLORADO

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 158

2 Quantity of RCRA Hazardous Waste Generated: 31,801 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City             | Total Generated<br>(Tons) |
|--------------|--------------|--|------------------|---------------------------|
| 1            | COD980591184 | VEOLIA ES TECHNICAL SOLUTIONS LLC          | HENDERSON        | 9,994                     |
| 2            | COD000694869 | BOULDER SCIENTIFIC COMPANY - MEAD          | MEAD             | 3,353                     |
| 3            | COD060627189 | SUNCOR ENERGY (USA) COMMERCE CITY REFINER) | COMMERCE CITY    | 3,063                     |
| 4            | COD076470525 | CORDEN PHARMA COLORADO INC                 | BOULDER          | 3,005                     |
| 5            | COD991300484 | CLEAN HARBORS DEER TRAIL LLC               | DEER TRAIL       | 1,470                     |
| 6            | COD983789850 | HOSPIRA BOULDER INC                        | BOULDER          | 1,067                     |
| 7            | COR000014498 | AVAGO TECHNOLOGIES WIRELESS - FORT COLLINS | FORT COLLINS     | 755                       |
| 8            | COR000011056 | G&K SERVICES INC                           | DENVER           | 635                       |
| 9            | COD983777541 | AGILENT TECHNOLOGIES INC - BOULDER         | BOULDER          | 597                       |
| 10           | COD981551286 | SYNTEX AGRIBUSINESS LYONS REMEDIATION PROJ | LYONS            | 559                       |
| 11           | CO5210020769 | ROCKY MOUNTAIN ARSENAL                     | COMMERCE CITY    | 466                       |
| 12           | COR000220137 | ABOUND SOLAR INC                           | LONGMONT         | 450                       |
| 13           | COR000223933 | FLATIRON PENSTOCK RE-COATING PROJECT       | LOVELAND         | 401                       |
| 14           | COR000006874 | ARVADA TREATMENT CENTER, LLC               | ARVADA           | 381                       |
| 15           | COD102545621 | GOLDEN ALUMINUM INC                        | FORT LUPTON      | 347                       |
| 16           | COR000000638 | ADVANCED CIRCUITS                          | AURORA           | 340                       |
| 17           | COD081474710 | ATMEL CORPORATION                          | COLORADO SPRINGS | 309                       |
| 18           | COD007077175 | KOPPERS INC                                | DENVER           | 244                       |
| 19           | COD980956627 | ASCENT SOLAR TECHNOLOGIES INC              | THORNTON         | 237                       |
| 20           | COD078341658 | KODAK COLORADO DIVISION                    | WINDSOR          | 219                       |
| 21           | COR000221838 | VESTAS TOWERS AMERICA                      | PUEBLO           | 213                       |
| 22           | COD007063290 | NORTH AMERICAN GALVANIZING COMPANY         | COMMERCE CITY    | 191                       |
| 23           | COD007060999 | POWER ENGINEERING COMPANY                  | DENVER           | 164                       |
| 24           | COR000202697 | CHEMICAL & METAL INDUSTRIES INC            | HUDSON           | 163                       |
| 25           | COR000010108 | BASF CORPORATION                           | BRIGHTON         | 162                       |
| 26           | COD000716639 | SAFETY-KLEEN SYSTEMS INC - PUEBLO          | PUEBLO           | 152                       |
| 27           | COD000716621 | SAFETY-KLEEN SYSTEMS INC - ENGLEWOOD       | ENGLEWOOD        | 150                       |
| 28           | COR000220202 | GE ENERGY (FORMERLY PRIMESTAR SOLAR)       | ARVADA           | 119                       |
| 29           | COD048742175 | HAZEN RESEARCH INC                         | GOLDEN           | 112                       |
| 30           | COD983789538 | MATHESON                                   | LONGMONT         | 110                       |
| 31           | COD982581837 | CRAY VALLEY GRAND JUNCTION                 | GRAND JUNCTION   | 101                       |
| 32           | COR000220400 | VESTAS BLADES AMERICA INC                  | WINDSOR          | 91                        |
| 33           | COR000008706 | DAVIS WIRE PUEBLO LLC                      | PUEBLO           | 85                        |
| 34           | COR000010561 | AMGEN INC - LONGMONT                       | LONGMONT         | 84                        |
| 35           | COR000013482 | UNICIRCUIT INC                             | LITTLETON        | 78                        |
| 36           | COD001704790 | LOCKHEED MARTIN SPACE SYSTEMS CO           | LITTLETON        | 73                        |
| 37           | COD007431505 | UNIVERSITY OF COLORADO, BOULDER            | BOULDER          | 69                        |
| 38           | COR000218859 | THIN METAL PARTS LLC                       | COLORADO SPRINGS | 67                        |
| 39           | COD981540222 | TESTAMERICA DENVER                         | ARVADA           | 63                        |
| 40           | COD007057961 | EVRAZ ROCKY MOUNTAIN STEEL                 | PUEBLO           | 63                        |
| 41           | COD007056252 | WRIGHT & MCGILL COMPANY                    | DENVER           | 60                        |
| 42           | COR000012385 | USGS - NATIONAL WATER QUALITY LABORATORY   | DENVER           | 55                        |
| 43           | COD082657420 | INGERSOLL RAND SECURITY TECHNOLOGIES       | SECURITY         | 53                        |
| 44           | COD983775123 | LEXMARK INTL                               | LONGMONT         | 50                        |
| 45           | COD160887741 | WEST STAR AVIATION INC                     | GRAND JUNCTION   | 47                        |
| 46           | COD007058035 | DENVER METAL FINISHING                     | DENVER           | 47                        |
| 47           | COD069712792 | COLORADO STATE UNIVERSITY                  | FORT COLLINS     | 45                        |
| 48           | CO0000059758 | BOULDER SCIENTIFIC COMPANY - LONGMONT      | LONGMONT         | 40                        |
| 49           | COR000012187 | ARRAY BIOPHARMA INC - LONGMONT             | LONGMONT         | 40                        |
| 50           | COD983770561 | INB: HAUSER PHARMACEUTICAL SERVICES INC    | DENVER           | 39                        |
| <b>Total</b> |              |  |                  | <b>30,674</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## COLORADO

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 383                     | ONLY AN F CODE                | 2,812                   |  |                         |
| ONLY CORROSIVE                        | 428                     | ONLY A K CODE                 | 169                     |  |                         |
| ONLY REACTIVE                         | 23                      | ONLY A P CODE                 | 6                       |  |                         |
| ONLY D004-17                          | 2,264                   | ONLY A U CODE                 | 10                      |  |                         |
| ONLY D018-43                          | 2,051                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 1,922                   | HAS MORE THAN ONE LISTED CODE | 61                      |  |                         |
| <b>TOTAL</b>                          | <b>7,072</b>            | <b>TOTAL</b>                  | <b>3,058</b>            | <b>Both Characteristic and Listed</b>          | <b>21,660</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 547                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 19,261                  |
| HAS CORROSIVE CODE  | 1,273                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 9,396                   |
| HAS REACTIVE CODE   | 271                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 36                      |
| HAS D004-D017 CODE  | 1,386                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 11,442                  |
| HAS D018-D043 CODE  | 519                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 15,297                  |
|   |                         | HAS AN F CODE                           | 61                      | F WASTE W/ AT LEAST 1 CHAR           | 20,645                  |
|   |                         | HAS A K CODE                            | 44                      | K WASTE W/ AT LEAST 1 CHAR           | 2,542                   |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 38                      |
|   |                         | HAS A U CODE                            | 17                      | U WASTE W/ AT LEAST 1 CHAR           | 5,836                   |
| <b>TOTAL</b>  | <b>1,922</b>            | <b>TOTAL</b>                            | <b>61</b>               | <b>TOTAL</b>                         | <b>21,660</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, F003, F005, D002, D007, D008, D035, F002, D011, D004

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description   | Tons Generated |
|--------------|-------|---|----------------|
| 1            | 5622  | WASTE TREATMENT AND DISPOSAL  | 11,845         |
| 2            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                           | 4,268          |
| 3            | 3251  | BASIC CHEMICAL MANUFACTURING  | 4,199          |
| 4            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                           | 3,090          |
| 5            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING          | 1,896          |
| 6            | 8123  | DRYCLEANING AND LAUNDRY SERVICES                                    | 635            |
| 7            | 3345  | NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MA | 601            |
| 8            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES            | 493            |
| 9            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                         | 470            |
| 10           | 3359  | OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING              | 450            |
| <b>Total</b> |       |   | <b>27,947</b>  |

## COLORADO

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 13

9 Quantity of RCRA Hazardous Waste Managed: 78,567 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                | City         | Tons of Waste Managed |
|--------------|--------------|--|--------------|-----------------------|
| 1            | COD076470525 | CORDEN PHARMA COLORADO INC               | BOULDER      | 34,684                |
| 2            | COD991300484 | CLEAN HARBORS DEER TRAIL LLC             | DEER TRAIL   | 31,178                |
| 3            | COD980591184 | VEOLIA ES TECHNICAL SOLUTIONS LLC        | HENDERSON    | 10,510                |
| 4            | COD981551286 | SYNTEX AGRIBUSINESS LYONS REMEDIATION PR | LYONS        | 2,056                 |
| 5            | COD007056252 | WRIGHT & MCGILL COMPANY                  | DENVER       | 50                    |
| 6            | COR000012385 | USGS - NATIONAL WATER QUALITY LABORATORY | DENVER       | 30                    |
| 7            | COD981540222 | TESTAMERICA DENVER                       | ARVADA       | 30                    |
| 8            | COD007431505 | UNIVERSITY OF COLORADO, BOULDER          | BOULDER      | 12                    |
| 9            | COD983794124 | AMGEN INC - AIRPORT BLVD                 | BOULDER      | 9                     |
| 10           | COD102545621 | GOLDEN ALUMINUM INC                      | FORT LUPTON  | 7                     |
| 11           | COD078352812 | ALS LABORATORY GROUP - FORT COLLINS      | FORT COLLINS | 1                     |
| 12           | COR000208975 | UNIVERSITY OF COLORADO DENVER            | AURORA       | 1                     |
| 13           | COD983801564 | AMGEN INC - WALNUT ST                    | BOULDER      | 0                     |
| <b>Total</b> |              |  |              | <b>78,567</b>         |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## COLORADO

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT    | 36,740                     | 46.8                      | 2                       | 15.4                        |
| FUEL BLENDING                | 7,569                      | 9.6                       | 1                       | 7.7                         |
| LANDFILL/SURFACE IMPOUNDMENT | 29,700                     | 37.8                      | 1                       | 7.7                         |
| OTHER DISPOSAL               | 1,508                      | 1.9                       | 2                       | 15.4                        |
| OTHER TREATMENT              | 102                        | 0.1                       | 6                       | 46.2                        |
| SOLVENTS RECOVERY            | 2,948                      | 3.8                       | 3                       | 23.1                        |
|                              | 78,567                     | 100.0                     | 13                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT    | 36,740                     | 46.8                      | 2                       | 15.4                        |
| LANDFILL/SURFACE IMPOUNDMENT | 29,700                     | 37.8                      | 1                       | 7.7                         |
| FUEL BLENDING                | 7,569                      | 9.6                       | 1                       | 7.7                         |
| SOLVENTS RECOVERY            | 2,948                      | 3.8                       | 3                       | 23.1                        |
| OTHER DISPOSAL               | 1,508                      | 1.9                       | 2                       | 15.4                        |
| OTHER TREATMENT              | 102                        | 0.1                       | 6                       | 46.2                        |
|                              | 78,567                     | 100.0                     | 13                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT              | 102                        | 0.1                       | 6                       | 46.2                        |
| SOLVENTS RECOVERY            | 2,948                      | 3.8                       | 3                       | 23.1                        |
| AQUEOUS ORGANIC TREATMENT    | 36,740                     | 46.8                      | 2                       | 15.4                        |
| OTHER DISPOSAL               | 1,508                      | 1.9                       | 2                       | 15.4                        |
| FUEL BLENDING                | 7,569                      | 9.6                       | 1                       | 7.7                         |
| LANDFILL/SURFACE IMPOUNDMENT | 29,700                     | 37.8                      | 1                       | 7.7                         |
|                              | 78,567                     | 100.0                     | 13                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D008, D002, D007, F003, F005, D006, D004, F002, D035

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## COLORADO

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 158

16 Quantity of RCRA Hazardous Waste Shipped: 34,621

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                  | City             | Quantity Shipped<br>(Tons) |
|-------|--------------|--|------------------|----------------------------|
| 1     | COD980591184 | VEOLIA ES TECHNICAL SOLUTIONS LLC          | HENDERSON        | 13,508                     |
| 2     | COD000694869 | BOULDER SCIENTIFIC COMPANY - MEAD          | MEAD             | 3,353                      |
| 3     | COD060627189 | SUNCOR ENERGY (USA) COMMERCE CITY REFINER  | COMMERCE CITY    | 3,063                      |
| 4     | COD076470525 | CORDEN PHARMA COLORADO INC                 | BOULDER          | 3,001                      |
| 5     | COD983789850 | HOSPIRA BOULDER INC                        | BOULDER          | 1,067                      |
| 6     | COR000014498 | AVAGO TECHNOLOGIES WIRELESS - FORT COLLINS | FORT COLLINS     | 755                        |
| 7     | COD983777541 | AGILENT TECHNOLOGIES INC - BOULDER         | BOULDER          | 704                        |
| 8     | COR000011056 | G&K SERVICES INC                           | DENVER           | 635                        |
| 9     | COD981551286 | SYNTEX AGRIBUSINESS LYONS REMEDIATION PRC  | LYONS            | 559                        |
| 10    | COR000006874 | ARVADA TREATMENT CENTER, LLC               | ARVADA           | 474                        |
| 11    | CO5210020769 | ROCKY MOUNTAIN ARSENAL                     | COMMERCE CITY    | 466                        |
| 12    | COR000220137 | ABOUND SOLAR INC                           | LONGMONT         | 450                        |
| 13    | COD000716621 | SAFETY-KLEEN SYSTEMS INC - ENGLEWOOD       | ENGLEWOOD        | 427                        |
| 14    | COR000223933 | FLATIRON PENSTOCK RE-COATING PROJECT       | LOVELAND         | 401                        |
| 15    | COD102545621 | GOLDEN ALUMINUM INC                        | FORT LUPTON      | 341                        |
| 16    | COR000000638 | ADVANCED CIRCUITS                          | AURORA           | 340                        |
| 17    | COD081474710 | ATMEL CORPORATION                          | COLORADO SPRINGS | 309                        |
| 18    | COD991300484 | CLEAN HARBORS DEER TRAIL LLC               | DEER TRAIL       | 254                        |
| 19    | COD007077175 | KOPPERS INC                                | DENVER           | 244                        |
| 20    | COD980956627 | ASCENT SOLAR TECHNOLOGIES INC              | THORNTON         | 237                        |
| 21    | COD078341658 | KODAK COLORADO DIVISION                    | WINDSOR          | 219                        |
| 22    | COR000221838 | VESTAS TOWERS AMERICA                      | PUEBLO           | 213                        |
| 23    | COD007063290 | NORTH AMERICAN GALVANIZING COMPANY         | COMMERCE CITY    | 191                        |
| 24    | COD000716639 | SAFETY-KLEEN SYSTEMS INC - PUEBLO          | PUEBLO           | 177                        |
| 25    | COD983778366 | CLEAN HARBORS ENVIRONMENTAL SERVICES       | STERLING         | 176                        |
| 26    | COD007060999 | POWER ENGINEERING COMPANY                  | DENVER           | 164                        |
| 27    | COR000202697 | CHEMICAL & METAL INDUSTRIES INC            | HUDSON           | 163                        |
| 28    | COR000010108 | BASF CORPORATION                           | BRIGHTON         | 162                        |
| 29    | COR000220202 | GE ENERGY (FORMERLY PRIMESTAR SOLAR)       | ARVADA           | 119                        |
| 30    | COD048742175 | HAZEN RESEARCH INC                         | GOLDEN           | 112                        |
| 31    | COD983789538 | MATHESON                                   | LONGMONT         | 110                        |
| 32    | COD982581837 | CRAY VALLEY GRAND JUNCTION                 | GRAND JUNCTION   | 101                        |
| 33    | COR000220400 | VESTAS BLADES AMERICA INC                  | WINDSOR          | 91                         |
| 34    | COR000008706 | DAVIS WIRE PUEBLO LLC                      | PUEBLO           | 85                         |
| 35    | COR000010561 | AMGEN INC - LONGMONT                       | LONGMONT         | 84                         |
| 36    | COR000013482 | UNICIRCUIT INC                             | LITTLETON        | 78                         |
| 37    | COD001704790 | LOCKHEED MARTIN SPACE SYSTEMS CO           | LITTLETON        | 73                         |
| 38    | COR000218859 | THIN METAL PARTS LLC                       | COLORADO SPRINGS | 67                         |
| 39    | COD007057961 | EVRAZ ROCKY MOUNTAIN STEEL                 | PUEBLO           | 63                         |
| 40    | COD082657420 | INGERSOLL RAND SECURITY TECHNOLOGIES       | SECURITY         | 53                         |
| 41    | COD983775123 | LEXMARK INTL                               | LONGMONT         | 50                         |
| 42    | COD007431505 | UNIVERSITY OF COLORADO, BOULDER            | BOULDER          | 49                         |
| 43    | COD160887741 | WEST STAR AVIATION INC                     | GRAND JUNCTION   | 47                         |
| 44    | COD007058035 | DENVER METAL FINISHING                     | DENVER           | 47                         |
| 45    | COD069712792 | COLORADO STATE UNIVERSITY                  | FORT COLLINS     | 45                         |
| 46    | CO0000059758 | BOULDER SCIENTIFIC COMPANY - LONGMONT      | LONGMONT         | 40                         |
| 47    | COR000012187 | ARRAY BIOPHARMA INC - LONGMONT             | LONGMONT         | 40                         |
| 48    | COD983770561 | INB: HAUSER PHARMACEUTICAL SERVICES INC    | DENVER           | 39                         |
| 49    | COR000214197 | ELKAY WOOD PRODUCTS COMPANY                | AURORA           | 35                         |
| 50    | COD040713661 | SPECIALTY PLATING INC                      | DEVER            | 35                         |
| Total |              |  |                  | 33,509                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**COLORADO**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 7

**19** Quantity of RCRA Hazardous Waste Received: 43,840 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                            | City       | Quantity Received<br>(Tons) |
|--------------|--------------|--------------------------------------|------------|-----------------------------|
| 1            | COD991300484 | CLEAN HARBORS DEER TRAIL LLC         | DEER TRAIL | 29,716                      |
| 2            | COD980591184 | VEOLIA ES TECHNICAL SOLUTIONS LLC    | HENDERSON  | 13,358                      |
| 3            | COR000006874 | ARVADA TREATMENT CENTER, LLC         | ARVADA     | 476                         |
| 4            | COD000716621 | SAFETY-KLEEN SYSTEMS INC - ENGLEWOOD | ENGLEWOOD  | 261                         |
| 5            | COD000716639 | SAFETY-KLEEN SYSTEMS INC - PUEBLO    | PUEBLO     | 23                          |
| 6            | COD007431505 | UNIVERSITY OF COLORADO, BOULDER      | BOULDER    | 6                           |
| 7            | COR000208975 | UNIVERSITY OF COLORADO DENVER        | AURORA     | 1                           |
| <b>Total</b> |              |                                      |            | <b>43,840</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## COLORADO

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING                | 7,569                      | 17.3                      | 1                       | 14.3                        |
| LANDFILL/SURFACE IMPOUNDMENT | 29,700                     | 67.7                      | 1                       | 14.3                        |
| OTHER DISPOSAL               | 8                          | 0.0                       | 1                       | 14.3                        |
| OTHER TREATMENT              | 1                          | 0.0                       | 1                       | 14.3                        |
| SOLVENTS RECOVERY            | 2,941                      | 6.7                       | 1                       | 14.3                        |
| STORAGE AND/OR TRANSFER      | 3,621                      | 8.3                       | 7                       | 100.0                       |
|                              | 43,840                     | 100.0                     | 7                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 29,700                     | 67.7                      | 1                       | 14.3                        |
| FUEL BLENDING                | 7,569                      | 17.3                      | 1                       | 14.3                        |
| STORAGE AND/OR TRANSFER      | 3,621                      | 8.3                       | 7                       | 100.0                       |
| SOLVENTS RECOVERY            | 2,941                      | 6.7                       | 1                       | 14.3                        |
| OTHER DISPOSAL               | 8                          | 0.0                       | 1                       | 14.3                        |
| OTHER TREATMENT              | 1                          | 0.0                       | 1                       | 14.3                        |
|                              | 43,840                     | 100.0                     | 7                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 3,621                      | 8.3                       | 7                       | 100.0                       |
| OTHER TREATMENT              | 1                          | 0.0                       | 1                       | 14.3                        |
| FUEL BLENDING                | 7,569                      | 17.3                      | 1                       | 14.3                        |
| OTHER DISPOSAL               | 8                          | 0.0                       | 1                       | 14.3                        |
| LANDFILL/SURFACE IMPOUNDMENT | 29,700                     | 67.7                      | 1                       | 14.3                        |
| SOLVENTS RECOVERY            | 2,941                      | 6.7                       | 1                       | 14.3                        |
|                              | 43,840                     | 100.0                     | 7                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**COLORADO**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 27,195 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 33,970 Tons

**26 Colorado Interstate Shipment / Receipts (As reported by Colorado):**

The State to which Colorado shipped the largest quantity of waste was Kansas (10,211 tons).

The State that shipped the largest quantity of waste to Colorado was Nebraska (17,304 tons).

## CONNECTICUT

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 294

2 Quantity of RCRA Hazardous Waste Generated: 24,967 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City             | Total Generated<br>(Tons) |
|--------------|--------------|--|------------------|---------------------------|
| 1            | CTR000004457 | REENERGY STERLING CT LTD PARTNERSHIP         | STERLING         | 1,424                     |
| 2            | CTD042279513 | KING INDUSTRIES INC                          | NORWALK          | 1,374                     |
| 3            | CTD001149459 | PLAINVILLE PLATING CO                        | PLAINVILLE       | 1,252                     |
| 4            | CTD001145341 | HAMILTON SUNDSTRAND CORP                     | WINDSOR LOCKS    | 1,187                     |
| 5            | CTD001159730 | AMERICAS STYRENICS LLC ALLYN'S POINT STYRENI | GALES FERRY      | 866                       |
| 6            | CTD001453711 | GENERAL ELECTRIC CO                          | BRIDGEPORT       | 826                       |
| 7            | CTD064828726 | BEDOUKIAN RESEARCH INC                       | DANBURY          | 755                       |
| 8            | CTD001449784 | SIKORSKY AIRCRAFT CORP STFD                  | STRATFORD        | 741                       |
| 9            | CTD046233003 | CT GALVANIZING CORP                          | GLASTONBURY      | 711                       |
| 10           | CTD043036995 | T T M PRINTED CIRCUIT GROUP INC              | STAFFORD         | 709                       |
| 11           | CTR000509372 | STYRON LLC                                   | GALES FERRY      | 668                       |
| 12           | CTD001173467 | CYTEC INDUSTRIES INC                         | WALLINGFORD      | 557                       |
| 13           | CTD001147495 | PFIZER INC                                   | GROTON           | 424                       |
| 14           | CTR000504779 | PTI INDUSTRIES INC                           | ENFIELD          | 424                       |
| 15           | CTD001452093 | DURHAM MEADOWS SUPERFUND SITE MERRIAM MF     | DURHAM           | 401                       |
| 16           | CTD001181205 | VANDERBILT R T CO INC VANDERBILT CHEMICAL BE | BETHEL           | 390                       |
| 17           | CTD072116387 | URETEK LLC                                   | NEW HAVEN        | 374                       |
| 18           | CTD981213101 | UNIMETAL SURFACE FINISHING                   | THOMASTON        | 345                       |
| 19           | CTD001169010 | ENTHONE INC                                  | WEST HAVEN       | 344                       |
| 20           | CTD000844258 | COLTS MANUFACTURING CO LLC                   | WEST HARTFORD    | 329                       |
| 21           | CTD004533485 | CONARD CORP                                  | GLASTONBURY      | 320                       |
| 22           | CTD980673057 | PARK ADVANCED COMPOSITE MATERIALS INC        | WATERBURY        | 310                       |
| 23           | CTD085068047 | RAYCO METAL FINISHING INC                    | MIDDLETOWN       | 304                       |
| 24           | CTD000844399 | PRATT & WHITNEY                              | EAST HARTFORD    | 278                       |
| 25           | CTD055103402 | BYK USA INC                                  | WALLINGFORD      | 276                       |
| 26           | CTD990672081 | PRATT & WHITNEY                              | EAST HARTFORD    | 272                       |
| 27           | CTD075133835 | HAMPFORD RESEARCH INC                        | STRATFORD        | 228                       |
| 28           | CTR000510438 | WHEELABRATOR LISBON INC                      | LISBON           | 218                       |
| 29           | CTD001154558 | METAL FINISHING TECHNOLOGIES LLC             | FORESTVILLE      | 215                       |
| 30           | CTD001166263 | MIRROR POLISHING AND PLATING CO              | WATERBURY        | 196                       |
| 31           | CTD097730709 | BOEHRINGER INGELHEIM PHARMACEUTICALS INC     | DANBURY          | 181                       |
| 32           | CTD001166826 | SUPERIOR PLATING CO                          | SOUTHPORT        | 172                       |
| 33           | CTD001450006 | UNIMETAL SURFACE FINISHING LLC DONHAM CRAFT  | NAUGATUCK        | 169                       |
| 34           | CTD001147842 | ELECTRIC BOAT CORP                           | GROTON           | 166                       |
| 35           | CTR000506659 | RBC AIRCRAFT PRODUCTS INC                    | TORRINGTON       | 153                       |
| 36           | CTD053704110 | G B C METALS LLC SOMERS THIN STRIP           | WATERBURY        | 153                       |
| 37           | CTD075407031 | MAGELLAN TERMINALS HOLDINGS L P FORBES TERI  | NEW HAVEN        | 152                       |
| 38           | CTD000604488 | CLEAN HARBORS OF CT INC                      | BRISTOL          | 150                       |
| 39           | CTD056748205 | SARGENT MANUFACTURING CO                     | NEW HAVEN        | 150                       |
| 40           | CTD060018777 | CT ANODIZING & FINISHING CO INC              | BRIDGEPORT       | 147                       |
| 41           | CTR000007203 | THAMES SHIPYARD & REPAIR CO INC              | NEW LONDON       | 144                       |
| 42           | CTD002496909 | SUMMITT CORP OF AMERICA                      | THOMASTON        | 141                       |
| 43           | CTD001152750 | QUALITY NAME PLATE INC                       | EAST GLASTONBURY | 138                       |
| 44           | CTR000005827 | FREEMPORT MCMORAN COPPER PRODUCTS            | NORWICH          | 137                       |
| 45           | CTR000505388 | EVONIK CYRO LLC                              | WALLINGFORD      | 131                       |
| 46           | CTD000652206 | T T M PRINTED CIRCUIT GROUP INC              | STAFFORDVILLE    | 129                       |
| 47           | CTR000508663 | WHEELABRATOR BRIDGEPORT LP                   | BRIDGEPORT       | 128                       |
| 48           | CTD983875576 | WILLINGTON NAMEPLATE INC                     | STAFFORD SPRINGS | 122                       |
| 49           | CTD001147974 | MILLER CO THE                                | MERIDEN          | 118                       |
| 50           | CTD058507740 | GOODRICH PUMP & ENGINE CONTROL SYSTEMS       | WEST HARTFORD    | 116                       |
| <b>Total</b> |              |  |                  | <b>19,619</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## CONNECTICUT

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 891                     | ONLY AN F CODE                | 4,857                   |  |                         |
| ONLY CORROSIVE                        | 2,326                   | ONLY A K CODE                 | 12                      |  |                         |
| ONLY REACTIVE                         | 50                      | ONLY A P CODE                 | 7                       |  |                         |
| ONLY D004-17                          | 4,800                   | ONLY A U CODE                 | 15                      |  |                         |
| ONLY D018-43                          | 165                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 6,385                   | HAS MORE THAN ONE LISTED CODE | 110                     |  |                         |
| <b>TOTAL</b>                          | <b>14,617</b>           | <b>TOTAL</b>                  | <b>5,001</b>            | <b>Both Characteristic and Listed</b>          | <b>5,324</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 2,511                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 3,884                   |
| HAS CORROSIVE CODE  | 4,473                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 1,024                   |
| HAS REACTIVE CODE   | 270                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 176                     |
| HAS D004-D017 CODE  | 3,887                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 2,068                   |
| HAS D018-D043 CODE  | 1,705                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 3,105                   |
|   |                         | HAS AN F CODE                           | 1                       | F WASTE W/ AT LEAST 1 CHAR           | 5,164                   |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 91                      |
|   |                         | HAS A P CODE                            | 110                     | P WASTE W/ AT LEAST 1 CHAR           | 14                      |
|   |                         | HAS A U CODE                            | 109                     | U WASTE W/ AT LEAST 1 CHAR           | 238                     |
| <b>TOTAL</b>  | <b>6,385</b>            | <b>TOTAL</b>                            | <b>110</b>              | <b>TOTAL</b>                         | <b>5,324</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, D008, F003, D006, F005, D003, D035, D011

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 5,308          |
| 2            | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                                | 3,097          |
| 3            | 3251  | BASIC CHEMICAL MANUFACTURING   | 2,504          |
| 4            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 2,256          |
| 5            | 2211  | ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION                 | 1,505          |
| 6            | 3359  | OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING                   | 1,042          |
| 7            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING               | 998            |
| 8            | 3133  | TEXTILE AND FABRIC FINISHING AND FABRIC COATING MILLS                    | 826            |
| 9            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                     | 811            |
| 10           | 3329  | OTHER FABRICATED METAL PRODUCT MANUFACTURING                             | 697            |
| <b>Total</b> |       |  | <b>19,045</b>  |

## CONNECTICUT

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 15

9 Quantity of RCRA Hazardous Waste Managed: 7,510 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City          | Tons of Waste Managed |
|--------------|--------------|--|---------------|-----------------------|
| 1            | CTD000604488 | CLEAN HARBORS OF CT INC                    | BRISTOL       | 6,352                 |
| 2            | CTD001159730 | AMERICAS STYRENICS LLC ALLYN'S POINT STYRE | GALES FERRY   | 658                   |
| 3            | CTD990672081 | PRATT & WHITNEY                            | EAST HARTFORD | 314                   |
| 4            | CTD001154558 | METAL FINISHING TECHNOLOGIES LLC           | FORESTVILLE   | 80                    |
| 5            | CTD058509712 | DYNO NOBEL INC                             | SIMBURY       | 34                    |
| 6            | CTD001449784 | SIKORSKY AIRCRAFT CORP STFD                | STRATFORD     | 32                    |
| 7            | CTD001454032 | RELIABLE PLATING & POLISHING INC           | BRIDGEPORT    | 15                    |
| 8            | CTD983875436 | DIMENSION POLYANT INC                      | PUTNAM        | 9                     |
| 9            | CTD001145341 | HAMILTON SUNDSTRAND CORP                   | WINDSOR LOCKS | 7                     |
| 10           | CTD982715112 | TRIDENT ITW                                | BROOKFIELD    | 4                     |
| 11           | CTR000510941 | TARGET STORE 1528                          | BETHEL        | 1                     |
| 12           | CTR000003236 | YALE UNIVERSITY                            | NEW HAVEN     | 1                     |
| 13           | CTR000510883 | TARGET STORE 1956                          | TRUMBULL      | 1                     |
| 14           | CTR000510826 | TARGET STORE 2305                          | TORRINGTON    | 0                     |
| 15           | CTR000510842 | TARGET STORE 2213                          | WINDSOR       | 0                     |
| <b>Total</b> |              |  |               | <b>7,510</b>          |

Note: Column may not sum to total due to rounding.  
 State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.  
 Facilities reporting storage only and their quantity managed are excluded.

## CONNECTICUT

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 6,431                      | 85.6                      | 2                       | 13.3                        |
| ENERGY RECOVERY             | 658                        | 8.8                       | 1                       | 6.7                         |
| OTHER DISPOSAL              | 339                        | 4.5                       | 7                       | 46.7                        |
| OTHER TREATMENT             | 66                         | 0.9                       | 2                       | 13.3                        |
| SLUDGE TREATMENT            | 2                          | 0.0                       | 1                       | 6.7                         |
| SOLVENTS RECOVERY           | 14                         | 0.2                       | 3                       | 20.0                        |
|                             | 7,510                      | 100.0                     | 15                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 6,431                      | 85.6                      | 2                       | 13.3                        |
| ENERGY RECOVERY             | 658                        | 8.8                       | 1                       | 6.7                         |
| OTHER DISPOSAL              | 339                        | 4.5                       | 7                       | 46.7                        |
| OTHER TREATMENT             | 66                         | 0.9                       | 2                       | 13.3                        |
| SOLVENTS RECOVERY           | 14                         | 0.2                       | 3                       | 20.0                        |
| SLUDGE TREATMENT            | 2                          | 0.0                       | 1                       | 6.7                         |
|                             | 7,510                      | 100.0                     | 15                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL              | 339                        | 4.5                       | 7                       | 46.7                        |
| SOLVENTS RECOVERY           | 14                         | 0.2                       | 3                       | 20.0                        |
| AQUEOUS INORGANIC TREATMENT | 6,431                      | 85.6                      | 2                       | 13.3                        |
| OTHER TREATMENT             | 66                         | 0.9                       | 2                       | 13.3                        |
| ENERGY RECOVERY             | 658                        | 8.8                       | 1                       | 6.7                         |
| SLUDGE TREATMENT            | 2                          | 0.0                       | 1                       | 6.7                         |
|                             | 7,510                      | 100.0                     | 15                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D002, D007, D008, D003, D006, D010, D011, D005, D001, F006

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## CONNECTICUT

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 295

16 Quantity of RCRA Hazardous Waste Shipped: 24,080

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City             | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|------------------|----------------------------|
| 1            | CTR000004457 | REENERGY STERLING CT LTD PARTNERSHIP        | STERLING         | 1,424                      |
| 2            | CTD042279513 | KING INDUSTRIES INC                         | NORWALK          | 1,374                      |
| 3            | CTD001149459 | PLAINVILLE PLATING CO                       | PLAINVILLE       | 1,252                      |
| 4            | CTD001145341 | HAMILTON SUNDSTRAND CORP                    | WINDSOR LOCKS    | 1,174                      |
| 5            | CTD001453711 | GENERAL ELECTRIC CO                         | BRIDGEPORT       | 826                        |
| 6            | CTD064828726 | BEDOUKIAN RESEARCH INC                      | DANBURY          | 755                        |
| 7            | CTD046233003 | CT GALVANIZING CORP                         | GLASTONBURY      | 711                        |
| 8            | CTD043036995 | T T M PRINTED CIRCUIT GROUP INC             | STAFFORD         | 709                        |
| 9            | CTD001449784 | SIKORSKY AIRCRAFT CORP STFD                 | STRATFORD        | 694                        |
| 10           | CTR000509372 | STYRON LLC                                  | GALES FERRY      | 668                        |
| 11           | CTD001173467 | CYTEC INDUSTRIES INC                        | WALLINGFORD      | 592                        |
| 12           | CTD001147495 | PFIZER INC                                  | GROTON           | 424                        |
| 13           | CTR000504779 | PTI INDUSTRIES INC                          | ENFIELD          | 424                        |
| 14           | CTD001452093 | DURHAM MEADOWS SUPERFUND SITE MERRIAM M     | DURHAM           | 401                        |
| 15           | CTD001181205 | VANDERBILT R T CO INC VANDERBILT CHEMICAL B | BETHEL           | 393                        |
| 16           | CTD072116387 | URETEK LLC                                  | NEW HAVEN        | 374                        |
| 17           | CTD981213101 | UNIMETAL SURFACE FINISHING                  | THOMASTON        | 345                        |
| 18           | CTD001169010 | ENTHONE INC                                 | WEST HAVEN       | 344                        |
| 19           | CTD000844258 | COLTS MANUFACTURING CO LLC                  | WEST HARTFORD    | 329                        |
| 20           | CTD004533485 | CONARD CORP                                 | GLASTONBURY      | 320                        |
| 21           | CTD980673057 | PARK ADVANCED COMPOSITE MATERIALS INC       | WATERBURY        | 310                        |
| 22           | CTD085068047 | RAYCO METAL FINISHING INC                   | MIDDLETOWN       | 304                        |
| 23           | CTD000844399 | PRATT & WHITNEY                             | EAST HARTFORD    | 278                        |
| 24           | CTD055103402 | BYK USA INC                                 | WALLINGFORD      | 273                        |
| 25           | CTD075133835 | HAMPFORD RESEARCH INC                       | STRATFORD        | 228                        |
| 26           | CTR000510438 | WHEELABRATOR LISBON INC                     | LISBON           | 219                        |
| 27           | CTD001159730 | AMERICAS STYRENICS LLC ALLYN'S POINT STYREI | GALES FERRY      | 208                        |
| 28           | CTD001166263 | MIRROR POLISHING AND PLATING CO             | WATERBURY        | 196                        |
| 29           | CTD097730709 | BOEHRINGER INGELHEIM PHARMACEUTICALS INC    | DANBURY          | 181                        |
| 30           | CTD001166826 | SUPERIOR PLATING CO                         | SOUTHPORT        | 172                        |
| 31           | CTD990672081 | PRATT & WHITNEY                             | EAST HARTFORD    | 171                        |
| 32           | CTD001450006 | UNIMETAL SURFACE FINISHING LLC DONHAM CRAF  | NAUGATUCK        | 169                        |
| 33           | CTD000604488 | CLEAN HARBORS OF CT INC                     | BRISTOL          | 166                        |
| 34           | CTD001147842 | ELECTRIC BOAT CORP                          | GROTON           | 166                        |
| 35           | CTR000506659 | RBC AIRCRAFT PRODUCTS INC                   | TORRINGTON       | 153                        |
| 36           | CTD053704110 | G B C METALS LLC SOMERS THIN STRIP          | WATERBURY        | 153                        |
| 37           | CTD075407031 | MAGELLAN TERMINALS HOLDINGS L P FORBES TEI  | NEW HAVEN        | 152                        |
| 38           | CTD056748205 | SARGENT MANUFACTURING CO                    | NEW HAVEN        | 150                        |
| 39           | CTR000007203 | THAMES SHIPYARD & REPAIR CO INC             | NEW LONDON       | 144                        |
| 40           | CTD060018777 | CT ANODIZING & FINISHING CO INC             | BRIDGEPORT       | 142                        |
| 41           | CTD002496909 | SUMMITT CORP OF AMERICA                     | THOMASTON        | 141                        |
| 42           | CTD001152750 | QUALITY NAME PLATE INC                      | EAST GLASTONBURY | 138                        |
| 43           | CTR000005827 | FREEMPORT MCMORAN COPPER PRODUCTS           | NORWICH          | 137                        |
| 44           | CTD001154558 | METAL FINISHING TECHNOLOGIES LLC            | FORESTVILLE      | 132                        |
| 45           | CTR000505388 | EVONIK CYRO LLC                             | WALLINGFORD      | 131                        |
| 46           | CTD000652206 | T T M PRINTED CIRCUIT GROUP INC             | STAFFORDVILLE    | 129                        |
| 47           | CTR000508663 | WHEELABRATOR BRIDGEPORT LP                  | BRIDGEPORT       | 128                        |
| 48           | CTD983875576 | WILLINGTON NAMEPLATE INC                    | STAFFORD SPRINGS | 122                        |
| 49           | CTD001147974 | MILLER CO THE                               | MERIDEN          | 118                        |
| 50           | CTD058507740 | GOODRICH PUMP & ENGINE CONTROL SYSTEMS      | WEST HARTFORD    | 116                        |
| <b>Total</b> |              |   |                  | <b>18,764</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**CONNECTICUT**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 3

**19** Quantity of RCRA Hazardous Waste Received: 8,826 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name               | City          | Quantity Received<br>(Tons) |
|--------------|--------------|-------------------------|---------------|-----------------------------|
| 1            | CTD000604488 | CLEAN HARBORS OF CT INC | BRISTOL       | 8,607                       |
| 2            | CTD990672081 | PRATT & WHITNEY         | EAST HARTFORD | 218                         |
| 3            | CTD058509712 | DYNO NOBEL INC          | SIMBURY       | 0                           |
| <b>Total</b> |              |                         |               | <b>8,826</b>                |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## CONNECTICUT

## 2011 WASTE RECEIPTS, CONTINUED

## 21 Quantity of RCRA Hazardous Waste Managed by Management Method

Limited to Waste Received from Offsite, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 6,223                      | 70.5                      | 1                       | 33.3                        |
| OTHER DISPOSAL              | 218                        | 2.5                       | 1                       | 33.3                        |
| OTHER TREATMENT             | 0                          | 0.0                       | 1                       | 33.3                        |
| STORAGE AND/OR TRANSFER     | 2,385                      | 27.0                      | 1                       | 33.3                        |
|                             | 8,826                      | 100.0                     | 3                       |                             |

## 22 Management Method by Quantity of RCRA Hazardous Waste Managed

Limited to Waste Received from Offsite, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 6,223                      | 70.5                      | 1                       | 33.3                        |
| STORAGE AND/OR TRANSFER     | 2,385                      | 27.0                      | 1                       | 33.3                        |
| OTHER DISPOSAL              | 218                        | 2.5                       | 1                       | 33.3                        |
| OTHER TREATMENT             | 0                          | 0.0                       | 1                       | 33.3                        |
|                             | 8,826                      | 100.0                     | 3                       |                             |

## 23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities

Limited to Waste Received from Offsite, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT             | 0                          | 0.0                       | 1                       | 33.3                        |
| OTHER DISPOSAL              | 218                        | 2.5                       | 1                       | 33.3                        |
| AQUEOUS INORGANIC TREATMENT | 6,223                      | 70.5                      | 1                       | 33.3                        |
| STORAGE AND/OR TRANSFER     | 2,385                      | 27.0                      | 1                       | 33.3                        |
|                             | 8,826                      | 100.0                     | 3                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## CONNECTICUT

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 19,311 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 4,321 Tons

**26 Connecticut Interstate Shipment / Receipts (As reported by Connecticut):**

The State to which Connecticut shipped the largest quantity of waste was New Jersey (5,054 tons).

The State that shipped the largest quantity of waste to Connecticut was Massachusetts (2,788 tons).

## DELAWARE

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 59

2 Quantity of RCRA Hazardous Waste Generated: 43,307 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                     | City          | Total Generated<br>(Tons) |
|--------------|--------------|---|---------------|---------------------------|
| 1            | DER000501932 | PREMCOR REFINING GROUP INC. (VALERO)          | DELAWARE CITY | 11,593                    |
| 2            | DEN201000006 | DELAWARE CITY REFINING COMPANY                | DELAWARE CITY | 8,640                     |
| 3            | DED002276764 | EVRAZ CLAYMONT STEEL                          | CLAYMONT      | 6,457                     |
| 4            | DEP000001991 | BRACEBRIDGE CORP. BRANDYWINE FIBRES SITE      | WILMINGTON    | 4,585                     |
| 5            | DEP000001988 | WHITTINGTON WOODS                             | BEAR          | 3,342                     |
| 6            | DED085693646 | NORAMCO INC                                   | WILMINGTON    | 2,882                     |
| 7            | DED060058062 | AMTRAK WILMINGTON MAINTENANCE FACILITY        | WILMINGTON    | 1,372                     |
| 8            | DED980830400 | BASF CORPORATION                              | NEWPORT       | 1,324                     |
| 9            | DED003930807 | DUPONT EXPERIMENTAL STATION                   | WILMINGTON    | 443                       |
| 10           | DED002336394 | FORMOSA PLASTICS CORPORATION                  | DELAWARE CITY | 432                       |
| 11           | DED069876795 | PRINTPACK INC                                 | NEW CASTLE    | 309                       |
| 12           | DED982676595 | AGILENT TECHNOLOGIES, INC. - NEWPORT SITE     | NEWPORT       | 265                       |
| 13           | DED011028438 | DASSAULT FALCON JET-WILMINGTON CORP           | NEW CASTLE    | 231                       |
| 14           | DEN201000002 | V & S DELAWARE GALVANIZING, LLC               | NEW CASTLE    | 175                       |
| 15           | DED984071282 | AIR LIQUIDE-MEDAL                             | NEWPORT       | 160                       |
| 16           | DED002353092 | JOHNSON CONTROLS, INC                         | MIDDLETOWN    | 97                        |
| 17           | DER000001156 | SIEMENS HEALTHCARE DIAGNOSTICS                | NEWARK        | 95                        |
| 18           | DER000002980 | ADESIS, INC.                                  | NEW CASTLE    | 85                        |
| 19           | DED002348845 | INVISTA S.A.R.L.                              | SEAFORD       | 60                        |
| 20           | DED083235549 | DENTSPLY INTERNATIONAL, CAULK DIVISION        | MILFORD       | 53                        |
| 21           | DED064370992 | DUPONT STINE HASKELL RESEARCH CENTER          | NEWARK        | 51                        |
| 22           | DED984075887 | ORIENT CORPORATION OF AMERICA                 | SEAFORD       | 50                        |
| 23           | DED000820704 | UNIVERSITY OF DELAWARE                        | NEWARK        | 49                        |
| 24           | DED002342020 | CRODA INC                                     | NEW CASTLE    | 47                        |
| 25           | DER000501692 | INCYTE CORPORATION                            | WILMINGTON    | 38                        |
| 26           | DE8570024010 | DOVER AIR FORCE BASE                          | DOVER AFB     | 37                        |
| 27           | DED981743065 | DENSTPLY INTERNATIONAL, CAULK DIVISION        | MILFORD       | 36                        |
| 28           | DED000800284 | DUPONT EDGE MOOR PLANT                        | WILMINGTON    | 33                        |
| 29           | DED984066118 | CHROME DEPOSIT CORPORATION                    | NEWARK        | 27                        |
| 30           | DED041212473 | STANDARD CHLORINE OF DELAWARE SUPERFUND S     | NEW CASTLE    | 27                        |
| 31           | DED982578221 | DELAWARE RIVER AND BAY AUTHORITY              | NEW CASTLE    | 24                        |
| 32           | DED053304770 | MACDERMID INC                                 | MIDDLETOWN    | 23                        |
| 33           | DED003913266 | OCCIDENTAL CHEMICAL CORP.                     | NEW CASTLE    | 22                        |
| 34           | DED002357408 | SCIENCE AND TECHNOLOGY CAMPUS                 | NEWARK        | 21                        |
| 35           | DED980537781 | HANDYTUBE CORPORATION                         | CAMDEN        | 21                        |
| 36           | DEN201100002 | FISKER AUTOMOTIVE, INC.                       | WILMINGTON    | 18                        |
| 37           | DED980551261 | ARLON LLC                                     | BEAR          | 17                        |
| 38           | DED021957444 | JUSTIN TANKS, LLC                             | GEORGETOWN    | 17                        |
| 39           | DED984075861 | INDUSTRIAL RESOURCE NETWORK, INC              | WILMINGTON    | 17                        |
| 40           | DED001315647 | HERCULES INCORPORATED ASHLAND RESEARCH C      | WILMINGTON    | 17                        |
| 41           | DED000820399 | ASTRAZENECA PHARMACEUTICALS LP                | WILMINGTON    | 15                        |
| 42           | DED980829469 | DUPONT PERFORMANCE POLYMERS KALREZ TRALE      | NEWARK        | 15                        |
| 43           | DED131873853 | DANA CONTAINER INC.                           | WILMINGTON    | 12                        |
| 44           | DED003930799 | DUPONT CHESTNUT RUN                           | WILMINGTON    | 12                        |
| 45           | DER000502138 | E.I. DUPONT - RED LION SULFURIC ACID REGENERA | DELAWARE CITY | 10                        |
| 46           | DED982705212 | PLAYTEX MANUFACTURING, INC. PLANT 4           | DOVER         | 10                        |
| 47           | DED054743190 | ASTRAZENECA PHARMACEUTICALS LP                | NEWARK        | 9                         |
| 48           | DER000501551 | BASF SEAFORD SITE                             | SEAFORD       | 7                         |
| 49           | DER000001909 | PATS AIRCRAFT, LLC                            | GEORGETOWN    | 6                         |
| 50           | DEN201000018 | SHERWIN-WILLIAMS #5081                        | NEW CASTLE    | 5                         |
| <b>Total</b> |              |   |               | <b>43,290</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## DELAWARE

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 542                     | ONLY AN F CODE                | 9,548                   |  |                         |
| ONLY CORROSIVE                        | 211                     | ONLY A K CODE                 | 12,347                  |  |                         |
| ONLY REACTIVE                         | 2                       | ONLY A P CODE                 | 1                       |  |                         |
| ONLY D004-17                          | 9,808                   | ONLY A U CODE                 | 44                      |  |                         |
| ONLY D018-43                          | 708                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 375                     | HAS MORE THAN ONE LISTED CODE | 325                     |  |                         |
| <b>TOTAL</b>                          | <b>11,646</b>           | <b>TOTAL</b>                  | <b>22,264</b>           | <b>Both Characteristic and Listed</b>          | <b>9,353</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 82                      |   |                         | IGN. W/ AT LEAST 1 LSTD              | 9,200                   |
| HAS CORROSIVE CODE  | 312                     |   |                         | CORR. W/ AT LEAST 1 LSTD             | 208                     |
| HAS REACTIVE CODE   | 12                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 24                      |
| HAS D004-D017 CODE  | 334                     |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 153                     |
| HAS D018-D043 CODE  | 93                      |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 323                     |
|   |                         | HAS AN F CODE                           | 321                     | F WASTE W/ AT LEAST 1 CHAR           | 9,166                   |
|   |                         | HAS A K CODE                            | 321                     | K WASTE W/ AT LEAST 1 CHAR           | 5,616                   |
|   |                         | HAS A P CODE                            | 4                       | P WASTE W/ AT LEAST 1 CHAR           | 3                       |
|   |                         | HAS A U CODE                            | 4                       | U WASTE W/ AT LEAST 1 CHAR           | 47                      |
| <b>TOTAL</b>  | <b>375</b>              | <b>TOTAL</b>                            | <b>325</b>              | <b>TOTAL</b>                         | <b>9,353</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, LABP, F003, F005, D002, F002, D022, D003, D007, D008

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                                | 20,233         |
| 2            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 6,457          |
| 3            | 5629  | REMEDIATION AND OTHER WASTE MANAGEMENT SERVICES                          | 4,612          |
| 4            | 2361  | RESIDENTIAL BUILDING CONSTRUCTION  | 3,342          |
| 5            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                                | 2,992          |
| 6            | 3251  | BASIC CHEMICAL MANUFACTURING   | 1,438          |
| 7            | 4821  | RAIL TRANSPORTATION  | 1,372          |
| 8            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 683            |
| 9            | 5417  | SCIENTIFIC RESEARCH AND DEVELOPMENT SERVICES                             | 646            |
| 10           | 3261  | PLASTICS PRODUCT MANUFACTURING   | 344            |
| <b>Total</b> |       |  | <b>42,117</b>  |

## DELAWARE

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 3

9 Quantity of RCRA Hazardous Waste Managed: 397 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                   | City       | Tons of Waste Managed |
|-------|--------------|-----------------------------|------------|-----------------------|
| 1     | DED003930807 | DUPONT EXPERIMENTAL STATION | WILMINGTON | 310                   |
| 2     | DED069876795 | PRINTPACK INC               | NEW CASTLE | 74                    |
| 3     | DED021957444 | JUSTIN TANKS, LLC           | GEORGETOWN | 14                    |
| Total |              |                             |            | 397                   |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.  
Facilities reporting storage only and their quantity managed are excluded.

## DELAWARE

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION      | 310                        | 77.9                      | 1                       | 33.3                        |
| SOLVENTS RECOVERY | 88                         | 22.1                      | 2                       | 66.7                        |
|                   | 397                        | 100.0                     | 3                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION      | 310                        | 77.9                      | 1                       | 33.3                        |
| SOLVENTS RECOVERY | 88                         | 22.1                      | 2                       | 66.7                        |
|                   | 397                        | 100.0                     | 3                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY | 88                         | 22.1                      | 2                       | 66.7                        |
| INCINERATION      | 310                        | 77.9                      | 1                       | 33.3                        |
|                   | 397                        | 100.0                     | 3                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: LABP, D001, F003, F005, F002, D002, D022, D003, D011, D007

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## DELAWARE

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 59

16 Quantity of RCRA Hazardous Waste Shipped: 42,992

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                    | City          | Quantity Shipped<br>(Tons) |
|-------|--------------|--|---------------|----------------------------|
| 1     | DER000501932 | PREMCO REFINING GROUP INC. (VALERO)          | DELAWARE CITY | 11,593                     |
| 2     | DEN201000006 | DELAWARE CITY REFINING COMPANY               | DELAWARE CITY | 8,640                      |
| 3     | DED002276764 | EVRAZ CLAYMONT STEEL                         | CLAYMONT      | 6,457                      |
| 4     | DEP000001991 | BRACEBRIDGE CORP. BRANDYWINE FIBRES SITE     | WILMINGTON    | 4,585                      |
| 5     | DEP000001988 | WHITTINGTON WOODS                            | BEAR          | 3,342                      |
| 6     | DED085693646 | NORAMCO INC                                  | WILMINGTON    | 2,864                      |
| 7     | DED060058062 | AMTRAK WILMINGTON MAINTENANCE FACILITY       | WILMINGTON    | 1,372                      |
| 8     | DED980830400 | BASF CORPORATION                             | NEWPORT       | 1,324                      |
| 9     | DED002336394 | FORMOSA PLASTICS CORPORATION                 | DELAWARE CITY | 432                        |
| 10    | DED982676595 | AGILENT TECHNOLOGIES, INC. - NEWPORT SITE    | NEWPORT       | 265                        |
| 11    | DED003930807 | DUPONT EXPERIMENTAL STATION                  | WILMINGTON    | 240                        |
| 12    | DED069876795 | PRINTPACK INC                                | NEW CASTLE    | 235                        |
| 13    | DED011028438 | DASSAULT FALCON JET-WILMINGTON CORP          | NEW CASTLE    | 231                        |
| 14    | DEN201000002 | V & S DELAWARE GALVANIZING, LLC              | NEW CASTLE    | 175                        |
| 15    | DED984071282 | AIR LIQUIDE-MEDAL                            | NEWPORT       | 160                        |
| 16    | DED002353092 | JOHNSON CONTROLS, INC                        | MIDDLETOWN    | 97                         |
| 17    | DER000001156 | SIEMENS HEALTHCARE DIAGNOSTICS               | NEWARK        | 95                         |
| 18    | DER000002980 | ADESIS, INC.                                 | NEW CASTLE    | 85                         |
| 19    | DED002348845 | INVISTA S.A.R.L.                             | SEAFORD       | 59                         |
| 20    | DED083235549 | DENTSPLY INTERNATIONAL, CAULK DIVISION       | MILFORD       | 53                         |
| 21    | DED064370992 | DUPONT STINE HASKELL RESEARCH CENTER         | NEWARK        | 51                         |
| 22    | DED984075887 | ORIENT CORPORATION OF AMERICA                | SEAFORD       | 50                         |
| 23    | DED000820704 | UNIVERSITY OF DELAWARE                       | NEWARK        | 49                         |
| 24    | DED002342020 | CRODA INC                                    | NEW CASTLE    | 47                         |
| 25    | DER000501692 | INCYTE CORPORATION                           | WILMINGTON    | 38                         |
| 26    | DE8570024010 | DOVER AIR FORCE BASE                         | DOVER AFB     | 37                         |
| 27    | DED981743065 | DENTSPLY INTERNATIONAL, CAULK DIVISION       | MILFORD       | 36                         |
| 28    | DED000800284 | DUPONT EDGE MOOR PLANT                       | WILMINGTON    | 33                         |
| 29    | DED984066118 | CHROME DEPOSIT CORPORATION                   | NEWARK        | 27                         |
| 30    | DED041212473 | STANDARD CHLORINE OF DELAWARE SUPERFUND      | NEW CASTLE    | 27                         |
| 31    | DED982578221 | DELAWARE RIVER AND BAY AUTHORITY             | NEW CASTLE    | 24                         |
| 32    | DED053304770 | MACDERMID INC                                | MIDDLETOWN    | 23                         |
| 33    | DED003913266 | OCCIDENTAL CHEMICAL CORP.                    | NEW CASTLE    | 22                         |
| 34    | DED002357408 | SCIENCE AND TECHNOLOGY CAMPUS                | NEWARK        | 21                         |
| 35    | DED980537781 | HANDYTUBE CORPORATION                        | CAMDEN        | 21                         |
| 36    | DEN201100002 | FISKER AUTOMOTIVE, INC.                      | WILMINGTON    | 18                         |
| 37    | DED980551261 | ARLON LLC                                    | BEAR          | 17                         |
| 38    | DED001315647 | HERCULES INCORPORATED ASHLAND RESEARCH       | WILMINGTON    | 17                         |
| 39    | DED000820399 | ASTRAZENECA PHARMACEUTICALS LP               | WILMINGTON    | 15                         |
| 40    | DED980829469 | DUPONT PERFORMANCE POLYMERS KALREZ TRAL      | NEWARK        | 14                         |
| 41    | DED984075861 | INDUSTRIAL RESOURCE NETWORK, INC             | WILMINGTON    | 14                         |
| 42    | DED131873853 | DANA CONTAINER INC.                          | WILMINGTON    | 12                         |
| 43    | DED003930799 | DUPONT CHESTNUT RUN                          | WILMINGTON    | 12                         |
| 44    | DER000502138 | E.I. DUPONT - RED LION SULFURIC ACID REGENER | DELAWARE CITY | 10                         |
| 45    | DED982705212 | PLAYTEX MANUFACTURING, INC. PLANT 4          | DOVER         | 10                         |
| 46    | DED054743190 | ASTRAZENECA PHARMACEUTICALS LP               | NEWARK        | 9                          |
| 47    | DER000501551 | BASF SEAFORD SITE                            | SEAFORD       | 7                          |
| 48    | DER000001909 | PATS AIRCRAFT, LLC                           | GEORGETOWN    | 5                          |
| 49    | DEN201000018 | SHERWIN-WILLIAMS #5081                       | NEW CASTLE    | 5                          |
| 50    | DED037678216 | INTERVET INC. (DBA MERCK ANIMAL HEALTH)      | MILLSBORO     | 4                          |
| Total |              |  |               | 42,978                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**DELAWARE**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 1

**19** Quantity of RCRA Hazardous Waste Received: 115 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                   | City       | Quantity Received<br>(Tons) |
|--------------|--------------|-----------------------------|------------|-----------------------------|
| 1            | DED003930807 | DUPONT EXPERIMENTAL STATION | WILMINGTON | 115                         |
| <b>Total</b> |              |                             |            | <b>115</b>                  |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## DELAWARE

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION            | 114                        | 99.6                      | 1                       | 100.0                       |
| STORAGE AND/OR TRANSFER | 0                          | 0.4                       | 1                       | 100.0                       |
|                         | 115                        | 100.0                     | 1                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION            | 114                        | 99.6                      | 1                       | 100.0                       |
| STORAGE AND/OR TRANSFER | 0                          | 0.4                       | 1                       | 100.0                       |
|                         | 115                        | 100.0                     | 1                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 0                          | 0.4                       | 1                       | 100.0                       |
| INCINERATION            | 114                        | 99.6                      | 1                       | 100.0                       |
|                         | 115                        | 100.0                     | 1                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**DELAWARE**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 42,940 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 60 Tons

**26 Delaware Interstate Shipment / Receipts (As reported by Delaware):**

The State to which Delaware shipped the largest quantity of waste was Pennsylvania (14,467 tons).

The State that shipped the largest quantity of waste to Delaware was Ohio (49 tons).

## DISTRICT OF COLUMBIA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 24

2 Quantity of RCRA Hazardous Waste Generated: 1,137 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City                 | Total Generated<br>(Tons) |
|--------------|--------------|--|----------------------|---------------------------|
| 1            | DCR000501270 | GSA - SAINT ELIZABETH'S WEST CAMPUS        | WASHINGTON           | 507                       |
| 2            | DCD000819516 | PEPCO BENNING SERVICE CENTER               | WASHINGTON           | 303                       |
| 3            | DCD077797793 | WASHINGTON GAS - EAST STATION              | WASHINGTON           | 113                       |
| 4            | DC2200907812 | BUREAU OF ENGRAVING AND PRINTING           | WASHINGTON           | 39                        |
| 5            | DC4141707162 | THE ARCHITECT OF THE CAPITOL               | WASHINGTON           | 33                        |
| 6            | DC7471100035 | EISENHOWER EXECUTIVE OFFICE BUILDING       | WASHINGTON           | 33                        |
| 7            | DCD049515844 | GEORGETOWN UNIVERSITY                      | WASHINGTON           | 15                        |
| 8            | DCR000500199 | GEORGETOWN UNIVERSITY HOSPITAL             | WASHINGTON           | 13                        |
| 9            | DC8170024311 | NAVAL RESEARCH LABORATORY                  | WASHINGTON           | 13                        |
| 10           | DC4210021156 | FORMER WALTER REED ARMY MEDICAL CENTER     | WASHINGTON           | 11                        |
| 11           | DCR000500678 | SPRING VALLEY FORMERLY USED DEFENSE SITE   | WASHINGTON           | 10                        |
| 12           | DCD980555643 | BLADENSBURG BUS FACILITY                   | WASHINGTON           | 8                         |
| 13           | DCR000500157 | PEPCO BENNING GENERATING STATION           | WASHINGTON           | 7                         |
| 14           | DC9570090036 | JOINT BASE ANACOSTIA - BOLLING (JBAB)      | WASHINGTON           | 6                         |
| 15           | DCD980204879 | THE CATHOLIC UNIVERSITY OF AMERICA         | WASHINGTON           | 5                         |
| 16           | DC9170024310 | WASHINGTON NAVY YARD                       | WASHINGTON NAVY YARD | 4                         |
| 17           | DCD003259439 | GALLAUDET UNIVERSITY                       | WASHINGTON           | 3                         |
| 18           | DC7360010402 | DEPARTMENT OF VETERANS AFFAIRS MEDICAL CEN | WASHINGTON           | 3                         |
| 19           | DCD981108368 | GEORGE WASHINGTON UNIVERSITY MEDICAL CENT  | WASHINGTON           | 3                         |
| 20           | DC3470000115 | FEDERAL BUREAU OF INVESTIGATION            | WASHINGTON           | 2                         |
| 21           | DCD983970476 | WASHINGTON GAS LIGHT CO.                   | WASHINGTON           | 2                         |
| 22           | DC7470090005 | NATIONAL MUSEUM OF NATURAL HISTORY         | WASHINGTON           | 2                         |
| 23           | DCD983970682 | AMTRAK IVY CITY FACILITY                   | WASHINGTON           | 2                         |
| 24           | DCD981940083 | GEORGE WASHINGTON UNIVERSITY - FOGGY BOTTO | WASHINGTON           | 1                         |
| <b>Total</b> |              |  |                      | <b>1,137</b>              |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## DISTRICT OF COLUMBIA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 25                      | ONLY AN F CODE                | 4                       |  |                         |
| ONLY CORROSIVE                        | 10                      | ONLY A K CODE                 | 0                       |  |                         |
| ONLY REACTIVE                         | 0                       | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 901                     | ONLY A U CODE                 | 1                       |  |                         |
| ONLY D018-43                          | 113                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 24                      | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>1,073</b>            | <b>TOTAL</b>                  | <b>5</b>                | <b>Both Characteristic and Listed</b>          | <b>59</b>               |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 11                      |   |                         | IGN. W/ AT LEAST 1 LSTD              | 46                      |
| HAS CORROSIVE CODE  | 12                      |   |                         | CORR. W/ AT LEAST 1 LSTD             | 15                      |
| HAS REACTIVE CODE   | 0                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 4                       |
| HAS D004-D017 CODE  | 19                      |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 24                      |
| HAS D018-D043 CODE  | 17                      |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 19                      |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 56                      |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 2                       |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 3                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 15                      |
| <b>TOTAL</b>  | <b>24</b>               | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>59</b>               |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D008, D007, F003, D009, D011, D003, F005, D018

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 9211  | EXECUTIVE, LEGISLATIVE, AND OTHER GENERAL GOVERNMENT SUPPORT | 573            |
| 2            | 2211  | ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION     | 311            |
| 3            | 2212  | NATURAL GAS DISTRIBUTION                                     | 115            |
| 4            | 3231  | PRINTING AND RELATED SUPPORT ACTIVITIES                      | 39             |
| 5            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                  | 32             |
| 6            | 6221  | GENERAL MEDICAL AND SURGICAL HOSPITALS                       | 27             |
| 7            | 6113  | COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS             | 27             |
| 8            | 4851  | URBAN TRANSIT SYSTEMS  | 8              |
| 9            | 9221  | JUSTICE, PUBLIC ORDER, AND SAFETY ACTIVITIES                 | 2              |
| 10           | 7121  | MUSEUMS, HISTORICAL SITES, AND SIMILAR INSTITUTIONS          | 2              |
| <b>Total</b> |       |  | <b>1,136</b>   |

**DISTRICT OF COLUMBIA**

**2011 WASTE MANAGEMENT**

Tables 8, 9, and 10 have been omitted from this report because there were no facilities in the District of Columbia that reported managing RCRA hazardous waste in 2011.

**DISTRICT OF COLUMBIA**

**2011 WASTE MANAGEMENT, CONTINUED**

Tables 11, 12, 13, and 14 have been omitted from this report because there were no facilities in the District of Columbia that reported managing RCRA hazardous waste in 2011.

## DISTRICT OF COLUMBIA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 24

16 Quantity of RCRA Hazardous Waste Shipped: 1,139

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                 | City                 | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|----------------------|----------------------------|
| 1            | DCR000501270 | GSA - SAINT ELIZABETH'S WEST CAMPUS       | WASHINGTON           | 507                        |
| 2            | DCD000819516 | PEPCO BENNING SERVICE CENTER              | WASHINGTON           | 303                        |
| 3            | DCD077797793 | WASHINGTON GAS - EAST STATION             | WASHINGTON           | 113                        |
| 4            | DC2200907812 | BUREAU OF ENGRAVING AND PRINTING          | WASHINGTON           | 39                         |
| 5            | DC4141707162 | THE ARCHITECT OF THE CAPITOL              | WASHINGTON           | 35                         |
| 6            | DC7471100035 | EISENHOWER EXECUTIVE OFFICE BUILDING      | WASHINGTON           | 33                         |
| 7            | DCD049515844 | GEORGETOWN UNIVERSITY                     | WASHINGTON           | 15                         |
| 8            | DCR000500199 | GEORGETOWN UNIVERSITY HOSPITAL            | WASHINGTON           | 13                         |
| 9            | DC8170024311 | NAVAL RESEARCH LABORATORY                 | WASHINGTON           | 13                         |
| 10           | DC4210021156 | FORMER WALTER REED ARMY MEDICAL CENTER    | WASHINGTON           | 11                         |
| 11           | DCR000500678 | SPRING VALLEY FORMERLY USED DEFENSE SITE  | WASHINGTON           | 10                         |
| 12           | DCD980555643 | BLADENSBURG BUS FACILITY                  | WASHINGTON           | 8                          |
| 13           | DCR000500157 | PEPCO BENNING GENERATING STATION          | WASHINGTON           | 7                          |
| 14           | DC9570090036 | JOINT BASE ANACOSTIA - BOLLING (JBAB)     | WASHINGTON           | 6                          |
| 15           | DCD980204879 | THE CATHOLIC UNIVERSITY OF AMERICA        | WASHINGTON           | 5                          |
| 16           | DC9170024310 | WASHINGTON NAVY YARD                      | WASHINGTON NAVY YARD | 4                          |
| 17           | DCD003259439 | GALLAUDET UNIVERSITY                      | WASHINGTON           | 3                          |
| 18           | DC7360010402 | DEPARTMENT OF VETERANS AFFAIRS MEDICAL CE | WASHINGTON           | 3                          |
| 19           | DCD981108368 | GEORGE WASHINGTON UNIVERSITY MEDICAL CEN  | WASHINGTON           | 3                          |
| 20           | DC3470000115 | FEDERAL BUREAU OF INVESTIGATION           | WASHINGTON           | 2                          |
| 21           | DC7470090005 | NATIONAL MUSEUM OF NATURAL HISTORY        | WASHINGTON           | 2                          |
| 22           | DCD983970476 | WASHINGTON GAS LIGHT CO.                  | WASHINGTON           | 2                          |
| 23           | DCD983970682 | AMTRAK IVY CITY FACILITY                  | WASHINGTON           | 2                          |
| 24           | DCD981940083 | GEORGE WASHINGTON UNIVERSITY - FOGGY BOT  | WASHINGTON           | 1                          |
| <b>Total</b> |              |   |                      | <b>1,139</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## DISTRICT OF COLUMBIA

### 2011 WASTE RECEIPTS

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the District of Columbia that reported receiving RCRA hazardous waste in 2011.

**DISTRICT OF COLUMBIA**

**2011 WASTE RECEIPTS, CONTINUED**

Tables 21, 22, and 23 have been omitted from this report because there were no facilities in the District of Columbia that reported receiving RCRA hazardous waste in 2011.

**DISTRICT OF COLUMBIA**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 1,139 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 0 Tons

**26 District of Columbia Interstate Shipment / Receipts (As reported by District of Columbia):**

The State to which District of Columbia shipped the largest quantity of waste was Pennsylvania (847 tons).

No States shipped waste to District of Columbia.

## FLORIDA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 450

2 Quantity of RCRA Hazardous Waste Generated: 198,406 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City                 | Total Generated<br>(Tons) |
|--------------|--------------|--|----------------------|---------------------------|
| 1            | FLR000068007 | K.C. INDUSTRIES, L.L.C., MULBERRY, FLORI     | MULBERRY             | 148,813                   |
| 2            | FLD004092839 | ENVIROFOCUS TECHNOLOGIES                     | TAMPA                | 24,771                    |
| 3            | FLD083812537 | GERDAU AMERISTEEL JACKSONVILLE STEEL MILL D  | JACKSONVILLE         | 5,220                     |
| 4            | FLR000135947 | TAMINCO, INC                                 | PACE                 | 1,363                     |
| 5            | FLD004065926 | ARIZONA CHEMICAL COMPANY INC.                | PANAMA CITY          | 905                       |
| 6            | FL6170024412 | NAVAL AIR STATION JACKSONVILLE               | JACKSONVILLE         | 829                       |
| 7            | FLD980711071 | PERMA-FIX OF FLORIDA, INC.                   | GAINESVILLE          | 608                       |
| 8            | FLR000006353 | STERICYCLE SPECIALTY WASTE SOLUTIONS, INC.   | ORLANDO              | 585                       |
| 9            | FLD050768548 | SIVANCE LLC                                  | GAINESVILLE          | 578                       |
| 10           | FLD981932494 | EQ FLORIDA, INC.                             | TAMPA                | 477                       |
| 11           | FLD053105821 | ADCOM WIRE COMPANY                           | JACKSONVILLE         | 377                       |
| 12           | FLD000824896 | INDUSTRIAL GALVANIZERS TAMPA (SOUTHEASTERN   | TAMPA                | 358                       |
| 13           | FLR000064014 | INDUSTRIAL GALVANIZERS MIAMI                 | MIAMI                | 347                       |
| 14           | FLD982109357 | BAYOU CHICO PROPERTIES, LLC                  | PENSACOLA            | 340                       |
| 15           | FLD980847271 | SAFETY-KLEEN SYSTEMS, INC                    | TAMPA                | 332                       |
| 16           | FLD061897054 | MONTCO RESEARCH PRODUCTS, INC.               | HOLLISTER            | 285                       |
| 17           | FLD000608083 | EXIDE TECHNOLOGIES                           | TAMPA                | 281                       |
| 18           | FL8570024366 | USAF 96 CEG/CEV                              | EGLIN AFB            | 273                       |
| 19           | FLD980847214 | SAFETY-KLEEN SYSTEMS, INC                    | ORANGE PARK          | 267                       |
| 20           | FL9170024260 | NAVAL STATION MAYPORT                        | JACKSONVILLE         | 254                       |
| 21           | FLD058449752 | MADICO WINDOW FILMS, INC.                    | SAINT PETERSBURG     | 247                       |
| 22           | FL6800014585 | JOHN F. KENNEDY SPACE CENTER                 | KENNEDY SPACE CENTER | 237                       |
| 23           | FLD982075756 | LINVATEC CORPORATION                         | LARGO                | 225                       |
| 24           | FLR000071787 | WATSON LABORATORIES INC-FL                   | FORT LAUDERDALE      | 218                       |
| 25           | FLD982133159 | SAFETY-KLEEN SYSTEMS, INC                    | TALLAHASSEE          | 196                       |
| 26           | FLD049765811 | RENESENZ LLC                                 | JACKSONVILLE         | 175                       |
| 27           | FLD984171165 | SAFETY-KLEEN SYSTEMS, INC                    | SANFORD              | 165                       |
| 28           | FLD980711378 | CCP COMPOSITES US                            | ORLANDO              | 159                       |
| 29           | FLT110083219 | CR314 SHARPES FERRY BRIDGE REPLACEMENT       | SILVER SPRINGS       | 157                       |
| 30           | FLR000049601 | KEYMARK CORP OF FLORIDA                      | LAKE LAND            | 156                       |
| 31           | FLD004065470 | WALT DISNEY WORLD PARKS AND RESORTS US, INC  | ORLANDO              | 150                       |
| 32           | FLD071951966 | ASCEND PERFORMANCE MATERIALS                 | CANTONMENT           | 148                       |
| 33           | FLD000823393 | UNIVERSITY OF FLORIDA                        | GAINESVILLE          | 148                       |
| 34           | FLR000079368 | UCT COATING INC                              | STUART               | 144                       |
| 35           | FLD095565206 | REICHOLD, INC.                               | PENSACOLA            | 142                       |
| 36           | FL2170023244 | NAS WHITING FIELD, MILTON FL                 | MILTON               | 141                       |
| 37           | FLD047096524 | ST. MARKS POWDER, INC.                       | ST. MARKS            | 138                       |
| 38           | FLD051727949 | CATALENT PHARMA SOULTIONS                    | SAINT PETERSBURG     | 138                       |
| 39           | FLD002561751 | THOMAS & BETTS                               | ORMOND BEACH         | 130                       |
| 40           | FLR000071282 | EXTERIA BUILDING PRODUCTS, LLC               | MIAMI                | 126                       |
| 41           | FLR000015511 | QUEST DIAGNOSTICS INC                        | TAMPA                | 125                       |
| 42           | FLD982106429 | STAR PACKAGING CORP                          | TAMPA                | 124                       |
| 43           | FLD060240207 | LOCKHEED MARTIN MFC                          | ORLANDO              | 122                       |
| 44           | FLD981030448 | BENADA ALUMINUM OF FLORIDA, INC.             | MEDLEY               | 119                       |
| 45           | FLD004057535 | BEAZER EAST, INC. GAINESVILLE                | GAINESVILLE          | 116                       |
| 46           | FL0000207449 | VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.        | TALLAHASSEE          | 115                       |
| 47           | FLD043860451 | LITHIUM NICKEL ASSET HOLDING COMPANY I, INC. | ALACHUA              | 110                       |
| 48           | FLD982106080 | GOODRICH LANDING SYSTEM SERVICES             | MIAMI GARDENS        | 108                       |
| 49           | FLD058449927 | MOMENTIVE SPECIALTY CHEMICALS INC.           | LAKE LAND            | 108                       |
| 50           | FLD984175836 | PALL LIFE SCIENCES                           | PENSACOLA            | 102                       |
| <b>Total</b> |              |  |                      | <b>191,750</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## FLORIDA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 1,325                   | ONLY AN F CODE                | 1,177                   |  |                         |
| ONLY CORROSIVE                        | 932                     | ONLY A K CODE                 | 10,893                  |  |                         |
| ONLY REACTIVE                         | 169                     | ONLY A P CODE                 | 25                      |  |                         |
| ONLY D004-17                          | 4,418                   | ONLY A U CODE                 | 55                      |  |                         |
| ONLY D018-43                          | 449                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 170,959                 | HAS MORE THAN ONE LISTED CODE | 78                      |  |                         |
| <b>TOTAL</b>                          | <b>178,252</b>          | <b>TOTAL</b>                  | <b>12,228</b>           | <b>Both Characteristic and Listed</b>          | <b>7,912</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 3,192                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 6,471                   |
| HAS CORROSIVE CODE  | 169,290                 |   |                         | CORR. W/ AT LEAST 1 LSTD             | 760                     |
| HAS REACTIVE CODE   | 191                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 122                     |
| HAS D004-D017 CODE  | 168,060                 |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 3,555                   |
| HAS D018-D043 CODE  | 1,469                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 4,128                   |
|   |                         | HAS AN F CODE                           | 3                       | F WASTE W/ AT LEAST 1 CHAR           | 6,555                   |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 457                     |
|   |                         | HAS A P CODE                            | 78                      | P WASTE W/ AT LEAST 1 CHAR           | 646                     |
|   |                         | HAS A U CODE                            | 75                      | U WASTE W/ AT LEAST 1 CHAR           | 2,071                   |
| <b>TOTAL</b>  | <b>170,959</b>          | <b>TOTAL</b>                            | <b>78</b>               | <b>TOTAL</b>                         | <b>7,912</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, D008, D035, F003, D006, D011, D005, F005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3251  | BASIC CHEMICAL MANUFACTURING   | 150,717        |
| 2            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING             | 25,081         |
| 3            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 5,220          |
| 4            | 5621  | WASTE COLLECTION   | 2,104          |
| 5            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                              | 1,793          |
| 6            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 1,571          |
| 7            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 1,382          |
| 8            | 5622  | WASTE TREATMENT AND DISPOSAL   | 866            |
| 9            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                     | 797            |
| 10           | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                                | 710            |
| <b>Total</b> |       |  | <b>190,242</b> |

## FLORIDA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 92

9 Quantity of RCRA Hazardous Waste Managed: 2,673,038 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                | City                 | Tons of Waste Managed |
|--------------|--------------|--|----------------------|-----------------------|
| 1            | FLD001447952 | UNITED TECHNOLOGIES CRP, PRATT & WHITNEY | JUPITER              | 2,497,330             |
| 2            | FLR000068007 | K.C. INDUSTRIES, L.L.C., MULBERRY, FLORI | MULBERRY             | 148,813               |
| 3            | FLD004092839 | ENVIROFOCUS TECHNOLOGIES                 | TAMPA                | 23,209                |
| 4            | FLR000135947 | TAMINCO , INC                            | PACE                 | 1,349                 |
| 5            | FLD002035723 | PALL AEROPOWER CORPORATION - PPK         | PINELLAS PARK        | 1,043                 |
| 6            | FLD980711071 | PERMA-FIX OF FLORIDA, INC.               | GAINESVILLE          | 452                   |
| 7            | FLD982075756 | LINVATEC CORPORATION                     | LARGO                | 156                   |
| 8            | FL0000207449 | VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.    | TALLAHASSEE          | 130                   |
| 9            | FLD047096524 | ST. MARKS POWDER, INC.                   | ST. MARKS            | 114                   |
| 10           | FLD982106429 | STAR PACKAGING CORP                      | TAMPA                | 86                    |
| 11           | FLD984262782 | AERC.COM, INC.                           | WEST MELBOURNE       | 48                    |
| 12           | FLD980838791 | S2 YACHTS PURSUIT DIVISION               | FORT PIERCE          | 31                    |
| 13           | FLR000180802 | ST. MARKS LIGHTHOUSE                     | ST MARKS             | 30                    |
| 14           | FLD115383804 | PALL AEROPOWER CORPORATION-FTM           | FORT MYERS           | 24                    |
| 15           | FLD980729610 | CLEAN HARBORS FLORIDA                    | BARTOW               | 24                    |
| 16           | FLD004069183 | DELTA LABORATORIES, INC                  | OCALA                | 20                    |
| 17           | FLD081362816 | BENADA ALUMINUM PRODUCTS, LLC            | SANFORD              | 13                    |
| 18           | FLD984188953 | TRANSITIONS OPTICAL                      | PINELLAS PARK        | 13                    |
| 19           | FLD004087631 | HENEFELT PRECISION PRODUCTS, INC.        | LARGO                | 13                    |
| 20           | FLD047966593 | CHEMRING ORDNANCE, INC.                  | PERRY                | 10                    |
| 21           | FLD057246688 | CATALINA YACHTS                          | LARGO                | 10                    |
| 22           | FL8570024366 | USAF 96 CEG/CEV                          | EGLIN AFB            | 8                     |
| 23           | FLD046855086 | PALL AEROPOWER CORPORATION - NPR         | NEW PORT RICHEY      | 7                     |
| 24           | FLD981477664 | VAC-CON INC                              | GREEN COVE SPRINGS   | 7                     |
| 25           | FLR000142836 | TARGET STORE #T2265                      | CORAL SPRINGS        | 6                     |
| 26           | FLR000126433 | TARGET STORE #T1518                      | ORLANDO              | 5                     |
| 27           | FLR000126755 | TARGET STORE #2022                       | DAVIE                | 5                     |
| 28           | FLR000113746 | AMERIPATH SOUTH FLORIDA                  | POMPANO BEACH        | 4                     |
| 29           | FLD000825133 | ESCALADE SPORTS                          | GAINESVILLE          | 4                     |
| 30           | FLD984262535 | POP'S PAINTING, INC                      | LAKELAND             | 4                     |
| 31           | FLD980729016 | JOHN BEAN TECHNOLOGIES CORPORATION       | ORLANDO              | 4                     |
| 32           | FLR000126292 | TARGET STORE #T1074                      | AVENTURA             | 3                     |
| 33           | FLR000137844 | TARGET STORE #T1921                      | JACKSONVILLE         | 3                     |
| 34           | FL6800014585 | JOHN F. KENNEDY SPACE CENTER             | KENNEDY SPACE CENTER | 3                     |
| 35           | FLR000011734 | TAMPA STEEL ERECTING COMPANY             | TAMPA                | 3                     |
| 36           | FLR000148288 | TARGET STORE #T2364                      | PALM COAST           | 2                     |
| 37           | FLR000126383 | TARGET STORE #T1300                      | JACKSONVILLE         | 2                     |
| 38           | FLR000145086 | TARGET STORE #T2317                      | ESTERO               | 2                     |
| 39           | FLR000030353 | TARGET STORE #T0665                      | SARASOTA             | 2                     |
| 40           | FLR000126193 | TARGET STORE #T0899                      | NAPLES               | 2                     |
| 41           | FLR000125864 | TARGET STORE #T0815                      | SUNRISE              | 2                     |
| 42           | FLR000138073 | TARGET STORE #T2233                      | JACKSONVILLE         | 2                     |
| 43           | FLR000126441 | TARGET STORE #T1760                      | ORLANDO              | 2                     |
| 44           | FLR000126458 | TARGET STORE #T1778                      | LAUDERHILL           | 2                     |
| 45           | FLR000126268 | TARGET STORE #T1023                      | SAINT PETERSBURG     | 2                     |
| 46           | FLR000133108 | TARGET STORE #T2208                      | PANAMA CITY BEACH    | 2                     |
| 47           | FLR000126706 | TARGET STORE #T1966                      | SANFORD              | 2                     |
| 48           | FLR000066753 | TARGET STORE #T0877                      | HOLLYWOOD            | 2                     |
| 49           | FLD004089694 | SCHNELLER, LLC - FLORIDA                 | PINELLAS PARK        | 2                     |
| 50           | FLR000125633 | TARGET STORE #T0686                      | PENSACOLA            | 1                     |
| <b>Total</b> |              |  |                      | <b>2,673,008</b>      |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## FLORIDA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT       | 18,579                     | 0.7                       | 2                       | 2.2                         |
| DEEPWELL OR UNDERGROUND INJECTION | 148,813                    | 5.6                       | 1                       | 1.1                         |
| ENERGY RECOVERY                   | 1,348                      | 0.1                       | 1                       | 1.1                         |
| FUEL BLENDING                     | 398                        | 0.0                       | 2                       | 2.2                         |
| INCINERATION                      | 1                          | 0.0                       | 1                       | 1.1                         |
| METALS RECOVERY                   | 5,851                      | 0.2                       | 3                       | 3.3                         |
| OTHER DISPOSAL                    | 2,497,431                  | 93.4                      | 63                      | 68.5                        |
| OTHER TREATMENT                   | 297                        | 0.0                       | 7                       | 7.6                         |
| SOLVENTS RECOVERY                 | 220                        | 0.0                       | 17                      | 18.5                        |
| STABILIZATION                     | 100                        | 0.0                       | 2                       | 2.2                         |
|                                   | 2,673,038                  | 100.0                     | 92                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL                    | 2,497,431                  | 93.4                      | 63                      | 68.5                        |
| DEEPWELL OR UNDERGROUND INJECTION | 148,813                    | 5.6                       | 1                       | 1.1                         |
| AQUEOUS INORGANIC TREATMENT       | 18,579                     | 0.7                       | 2                       | 2.2                         |
| METALS RECOVERY                   | 5,851                      | 0.2                       | 3                       | 3.3                         |
| ENERGY RECOVERY                   | 1,348                      | 0.1                       | 1                       | 1.1                         |
| FUEL BLENDING                     | 398                        | 0.0                       | 2                       | 2.2                         |
| OTHER TREATMENT                   | 297                        | 0.0                       | 7                       | 7.6                         |
| SOLVENTS RECOVERY                 | 220                        | 0.0                       | 17                      | 18.5                        |
| STABILIZATION                     | 100                        | 0.0                       | 2                       | 2.2                         |
| INCINERATION                      | 1                          | 0.0                       | 1                       | 1.1                         |
|                                   | 2,673,038                  | 100.0                     | 92                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL                    | 2,497,431                  | 93.4                      | 63                      | 68.5                        |
| SOLVENTS RECOVERY                 | 220                        | 0.0                       | 17                      | 18.5                        |
| OTHER TREATMENT                   | 297                        | 0.0                       | 7                       | 7.6                         |
| METALS RECOVERY                   | 5,851                      | 0.2                       | 3                       | 3.3                         |
| FUEL BLENDING                     | 398                        | 0.0                       | 2                       | 2.2                         |
| STABILIZATION                     | 100                        | 0.0                       | 2                       | 2.2                         |
| AQUEOUS INORGANIC TREATMENT       | 18,579                     | 0.7                       | 2                       | 2.2                         |
| INCINERATION                      | 1                          | 0.0                       | 1                       | 1.1                         |
| DEEPWELL OR UNDERGROUND INJECTION | 148,813                    | 5.6                       | 1                       | 1.1                         |
| ENERGY RECOVERY                   | 1,348                      | 0.1                       | 1                       | 1.1                         |
|                                   | 2,673,038                  | 100.0                     | 92                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, F005, D009, D035, D008, D002, D007, D011, F002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## FLORIDA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 449

16 Quantity of RCRA Hazardous Waste Shipped: 33,513

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City                 | Quantity Shipped<br>(Tons) |
|--------------|--------------|--|----------------------|----------------------------|
| 1            | FLD981932494 | EQ FLORIDA, INC.                             | TAMPA                | 5,455                      |
| 2            | FLD083812537 | GERDAU AMERISTEEL JACKSONVILLE STEEL MILL    | JACKSONVILLE         | 5,220                      |
| 3            | FLD980729610 | CLEAN HARBORS FLORIDA                        | BARTOW               | 2,616                      |
| 4            | FLD004092839 | ENVIROFOCUS TECHNOLOGIES                     | TAMPA                | 1,562                      |
| 5            | FLD004065926 | ARIZONA CHEMICAL COMPANY INC.                | PANAMA CITY          | 905                        |
| 6            | FLD980711071 | PERMA-FIX OF FLORIDA, INC.                   | GAINESVILLE          | 881                        |
| 7            | FL6170024412 | NAVAL AIR STATION JACKSONVILLE               | JACKSONVILLE         | 829                        |
| 8            | FLR000006353 | STERICYCLE SPECIALTY WASTE SOLUTIONS, INC.   | ORLANDO              | 585                        |
| 9            | FLD050768548 | SIVANCE LLC                                  | GAINESVILLE          | 578                        |
| 10           | FLD980847271 | SAFETY-KLEEN SYSTEMS, INC                    | TAMPA                | 574                        |
| 11           | FLD980847214 | SAFETY-KLEEN SYSTEMS, INC                    | ORANGE PARK          | 543                        |
| 12           | FLD984171165 | SAFETY-KLEEN SYSTEMS, INC                    | SANFORD              | 450                        |
| 13           | FLD984167791 | SAFETY-KLEEN SYSTEMS, INC                    | BOYNTON BEACH        | 403                        |
| 14           | FLD053105821 | ADCOM WIRE COMPANY                           | JACKSONVILLE         | 377                        |
| 15           | FLD000824896 | INDUSTRIAL GALVANIZERS TAMPA (SOUTHEASTER    | TAMPA                | 358                        |
| 16           | FLR000064014 | INDUSTRIAL GALVANIZERS MIAMI                 | MIAMI                | 347                        |
| 17           | FLD982109357 | BAYOU CHICO PROPERTIES, LLC                  | PENSACOLA            | 340                        |
| 18           | FLD061897054 | MONTCO RESEARCH PRODUCTS, INC.               | HOLLISTER            | 285                        |
| 19           | FLD000608083 | EXIDE TECHNOLOGIES                           | TAMPA                | 281                        |
| 20           | FLD982133159 | SAFETY-KLEEN SYSTEMS, INC                    | TALLAHASSEE          | 277                        |
| 21           | FL8570024366 | USAF 96 CEG/CEV                              | EGLIN AFB            | 265                        |
| 22           | FLD984171694 | SAFETY-KLEEN SYSTEMS, INC                    | MEDLEY               | 261                        |
| 23           | FL9170024260 | NAVAL STATION MAYPORT                        | JACKSONVILLE         | 254                        |
| 24           | FLD058449752 | MADICO WINDOW FILMS, INC.                    | SAINT PETERSBURG     | 247                        |
| 25           | FL6800014585 | JOHN F. KENNEDY SPACE CENTER                 | KENNEDY SPACE CENTER | 225                        |
| 26           | FLR000071787 | WATSON LABORATORIES INC-FL                   | FORT LAUDERDALE      | 218                        |
| 27           | FLD049765811 | RENESENZ LLC                                 | JACKSONVILLE         | 175                        |
| 28           | FLD980711378 | CCP COMPOSITES US                            | ORLANDO              | 159                        |
| 29           | FLT110083219 | CR314 SHARPES FERRY BRIDGE REPLACEMENT       | SILVER SPRINGS       | 157                        |
| 30           | FLR000049601 | KEYMARK CORP OF FLORIDA                      | LAKE LAND            | 156                        |
| 31           | FLD004065470 | WALT DISNEY WORLD PARKS AND RESORTS US, I    | ORLANDO              | 150                        |
| 32           | FLD071951966 | ASCEND PERFORMANCE MATERIALS                 | CANTONMENT           | 148                        |
| 33           | FLD000823393 | UNIVERSITY OF FLORIDA                        | GAINESVILLE          | 148                        |
| 34           | FLD095565206 | REICHHOLD, INC.                              | PENSACOLA            | 142                        |
| 35           | FL2170023244 | NAS WHITING FIELD, MILTON FL                 | MILTON               | 141                        |
| 36           | FLD051727949 | CATALENT PHARMA SOULTIONS                    | SAINT PETERSBURG     | 138                        |
| 37           | FLR000079368 | UCT COATING INC                              | STUART               | 132                        |
| 38           | FLD002561751 | THOMAS & BETTS                               | ORMOND BEACH         | 130                        |
| 39           | FLR000071282 | EXTERIA BUILDING PRODUCTS, LLC               | MIAMI                | 126                        |
| 40           | FLR000015511 | QUEST DIAGNOSTICS INC                        | TAMPA                | 125                        |
| 41           | FLD981030448 | BENADA ALUMINUM OF FLORIDA, INC.             | MEDLEY               | 119                        |
| 42           | FLD004057535 | BEAZER EAST, INC. GAINESVILLE                | GAINESVILLE          | 116                        |
| 43           | FLD043860451 | LITHIUM NICKEL ASSET HOLDING COMPANY I, INC. | ALACHUA              | 110                        |
| 44           | FLD982106080 | GOODRICH LANDING SYSTEM SERVICES             | MIAMI GARDENS        | 108                        |
| 45           | FLD058449927 | MOMENTIVE SPECIALTY CHEMICALS INC.           | LAKE LAND            | 108                        |
| 46           | FLD984175836 | PALL LIFE SCIENCES                           | PENSACOLA            | 102                        |
| 47           | FLD982090292 | PCM PRODUCTS INC.                            | TITUSVILLE           | 97                         |
| 48           | FLD984238378 | ADTEC 2                                      | PINELLAS PARK        | 89                         |
| 49           | FLD059861344 | NEXEO SOLUTIONS                              | MIAMI                | 84                         |
| 50           | FLD980839013 | PURECOAT INTERNATIONAL, LLC                  | WEST PALM BEACH      | 81                         |
| <b>Total</b> |              |  |                      | <b>27,376</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## FLORIDA

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 15

19 Quantity of RCRA Hazardous Waste Received: 10,760 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                | City                   | Quantity Received<br>(Tons) |
|--------------|--------------|--|------------------------|-----------------------------|
| 1            | FLD981932494 | EQ FLORIDA, INC.                         | TAMPA                  | 5,669                       |
| 2            | FLD980729610 | CLEAN HARBORS FLORIDA                    | BARTOW                 | 2,691                       |
| 3            | FLD980711071 | PERMA-FIX OF FLORIDA, INC.               | GAINESVILLE            | 780                         |
| 4            | FLD984167791 | SAFETY-KLEEN SYSTEMS, INC                | BOYNTON BEACH          | 349                         |
| 5            | FLD984171165 | SAFETY-KLEEN SYSTEMS, INC                | SANFORD                | 303                         |
| 6            | FLD980847214 | SAFETY-KLEEN SYSTEMS, INC                | ORANGE PARK            | 272                         |
| 7            | FLD980847271 | SAFETY-KLEEN SYSTEMS, INC                | TAMPA                  | 264                         |
| 8            | FLD984171694 | SAFETY-KLEEN SYSTEMS, INC                | MEDLEY                 | 235                         |
| 9            | FLD982133159 | SAFETY-KLEEN SYSTEMS, INC                | TALLAHASSEE            | 77                          |
| 10           | FLD984262782 | AERC.COM, INC.                           | WEST MELBOURNE         | 61                          |
| 11           | FLD980559728 | TRIUMVIRATE ENVIRONMENTAL (FLORIDA), INC | ORLANDO                | 30                          |
| 12           | FL0000207449 | VEOLIA ES TECHNICAL SOLUTIONS, L.L.C.    | TALLAHASSEE            | 25                          |
| 13           | FL6170022952 | NAVAL AIR STATION KEY WEST               | KEY WEST               | 3                           |
| 14           | FL2800016121 | CAPE CANAVERAL AFS                       | PATRICK AIR FORCE BASE | 0                           |
| 15           | FL8570024366 | USAF 96 CEG/CEV                          | EGLIN AFB              | 0                           |
| <b>Total</b> |              |  |                        | <b>10,760</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## FLORIDA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method**  
**Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING           | 398                        | 3.7                       | 2                       | 13.3                        |
| INCINERATION            | 0                          | 0.0                       | 1                       | 6.7                         |
| METALS RECOVERY         | 73                         | 0.7                       | 2                       | 13.3                        |
| OTHER TREATMENT         | 3                          | 0.0                       | 2                       | 13.3                        |
| SOLVENTS RECOVERY       | 5                          | 0.0                       | 1                       | 6.7                         |
| STABILIZATION           | 70                         | 0.7                       | 1                       | 6.7                         |
| STORAGE AND/OR TRANSFER | 10,210                     | 94.9                      | 12                      | 80.0                        |
|                         | 10,760                     | 100.0                     | 15                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed**  
**Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 10,210                     | 94.9                      | 12                      | 80.0                        |
| FUEL BLENDING           | 398                        | 3.7                       | 2                       | 13.3                        |
| METALS RECOVERY         | 73                         | 0.7                       | 2                       | 13.3                        |
| STABILIZATION           | 70                         | 0.7                       | 1                       | 6.7                         |
| SOLVENTS RECOVERY       | 5                          | 0.0                       | 1                       | 6.7                         |
| OTHER TREATMENT         | 3                          | 0.0                       | 2                       | 13.3                        |
| INCINERATION            | 0                          | 0.0                       | 1                       | 6.7                         |
|                         | 10,760                     | 100.0                     | 15                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities**  
**Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 10,210                     | 94.9                      | 12                      | 80.0                        |
| OTHER TREATMENT         | 3                          | 0.0                       | 2                       | 13.3                        |
| METALS RECOVERY         | 73                         | 0.7                       | 2                       | 13.3                        |
| FUEL BLENDING           | 398                        | 3.7                       | 2                       | 13.3                        |
| INCINERATION            | 0                          | 0.0                       | 1                       | 6.7                         |
| STABILIZATION           | 70                         | 0.7                       | 1                       | 6.7                         |
| SOLVENTS RECOVERY       | 5                          | 0.0                       | 1                       | 6.7                         |
|                         | 10,760                     | 100.0                     | 15                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**FLORIDA**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 30,473 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 3,378 Tons

**26 Florida Interstate Shipment / Receipts (As reported by Florida):**

The State to which Florida shipped the largest quantity of waste was Alabama (7,998 tons).

The State that shipped the largest quantity of waste to Florida was Puerto Rico (1,099 tons).

## GEORGIA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 386

2 Quantity of RCRA Hazardous Waste Generated: 211,127 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                | City         | Total Generated<br>(Tons) |
|--------------|--------------|--|--------------|---------------------------|
| 1            | GAD070330576 | EXIDE TECHNOLOGIES                       | COLUMBUS     | 83,250                    |
| 2            | GAD981237118 | THE NUTRASWEET COMPANY                   | AUGUSTA      | 25,934                    |
| 3            | GAD980803621 | CESSNA AIRCRAFT COMPANY                  | COLUMBUS     | 21,838                    |
| 4            | GAD003275468 | CHEMICAL PRODUCTS CORPORATION            | CARTERSVILLE | 17,738                    |
| 5            | GAD003267192 | ZEP INC                                  | ATLANTA      | 11,005                    |
| 6            | GAD981270226 | CHROMALLOY GEORGIA                       | LAGRANGE     | 5,533                     |
| 7            | GAD051011609 | DSM CHEMICALS NORTH AMERICA INC          | AUGUSTA      | 3,290                     |
| 8            | GAD084823301 | PCCR USA, INC                            | FOREST PARK  | 2,679                     |
| 9            | GAD051010429 | AMREP INC                                | MARIETTA     | 2,388                     |
| 10           | GAD984304014 | YKK AP AMERICA INC                       | DUBLIN       | 2,374                     |
| 11           | GAD131327546 | KIK PIEDMONT LLC                         | GAINESVILLE  | 1,877                     |
| 12           | GA7170023694 | MARINE CORPS LOGISTICS BASE              | ALBANY       | 1,647                     |
| 13           | GAR000006940 | INTERNATIONAL FLAVORS & FRAGRANCES       | AUGUSTA      | 1,381                     |
| 14           | GAD003321619 | GEORGIA INSTITUTE OF TECHNOLOGY          | ATLANTA      | 1,379                     |
| 15           | GA1570024330 | ROBINS AIR FORCE BASE                    | ROBINS AFB   | 1,142                     |
| 16           | GAD075876623 | PPG ARCHITECTURAL FINISHES INC           | EAST POINT   | 1,127                     |
| 17           | GAD093380814 | PERMA-FIX OF SOUTH GEORGIA               | VALDOSTA     | 1,021                     |
| 18           | GAD980726491 | NORAMCO INC                              | ATHENS       | 943                       |
| 19           | GAD030035356 | BAYER CROPS SCIENCE - WOODBINE PLANT     | WOODBINE     | 893                       |
| 20           | GAR000034033 | DECOSTAR INDUSTRIES, INC.                | CARROLLTON   | 832                       |
| 21           | GAD981024458 | SOUTH ATLANTIC GALVANIZING               | CLAXTON      | 779                       |
| 22           | GAD003323805 | WILLIAM C MEREDITH CO INC                | EAST POINT   | 771                       |
| 23           | GAR000030296 | HL-A CO INC                              | BREMEN       | 679                       |
| 24           | GAD000821934 | ARCH WOOD PROTECTION INC                 | CONLEY       | 651                       |
| 25           | GA0001122159 | ERCO WORLDWIDE INC                       | VALDOSTA     | 631                       |
| 26           | GAD981238199 | SAPA EXTRUDER INC (FORMERLY INDALOX INC) | GAINESVILLE  | 622                       |
| 27           | GAD981231970 | OPTIMA CHEMICAL GROUP LLC                | DOUGLAS      | 596                       |
| 28           | GAD003279981 | MEGGITT (ROCKMART), INC.                 | ROCKMART     | 595                       |
| 29           | GAD003306750 | TENNECO INC                              | HARTWELL     | 548                       |
| 30           | GAD981241300 | PRINTPACK INCORPORATED                   | VILLA RICA   | 532                       |
| 31           | GAD051021285 | APOLLO TECHNOLOGIES                      | SMYRNA       | 513                       |
| 32           | GAR000022368 | US BATTERY MANUFACTURING COMPANY         | AUGUSTA      | 475                       |
| 33           | GAD981269210 | 3M ATLANTA                               | ATLANTA      | 447                       |
| 34           | GAD991274820 | BIOLAB INC                               | CONYERS      | 409                       |
| 35           | GAR000054429 | KIA MOTORS MANUFACTURING GEORGIA         | WEST POINT   | 393                       |
| 36           | GAD006924872 | DELTA AIR LINES INC                      | ATLANTA      | 382                       |
| 37           | GAD000827873 | METAL COATERS - PLANT 1                  | MARIETTA     | 334                       |
| 38           | GAD107525503 | SOLVAY SPECIALTY POLYMERS USA, LLC       | AUGUSTA      | 318                       |
| 39           | GAD003292877 | NUSTAR ASPHALT REFINING LLC              | SAVANNAH     | 311                       |
| 40           | GAD000614347 | ETHICON                                  | CORNELIA     | 300                       |
| 41           | GAD061022216 | GULFSTREAM AEROSPACE CORPORATION         | SAVANNAH     | 266                       |
| 42           | GAD981243868 | ECOLAB INC                               | MCDONOUGH    | 261                       |
| 43           | GAD000827402 | THE COCA COLA CO - ATLANTA SYRUP PLANT   | ATLANTA      | 260                       |
| 44           | GAD045929643 | THE DOW CHEMICAL COMPANY                 | DALTON       | 243                       |
| 45           | GAD981264880 | YAMAHA MOTOR MANUFACTURING CORP          | NEWNAN       | 238                       |
| 46           | GAR000051003 | METAL CONVERSION TECHNOLOGIES, LLC       | CARTERSVILLE | 226                       |
| 47           | GAD065356057 | UNIVAR USA INC                           | DORAVILLE    | 220                       |
| 48           | GAD000143677 | DIXIE INDUSTRIAL FINISHING CO            | TUCKER       | 219                       |
| 49           | GAR000038604 | ATLANTA CONSOLIDATED WAREHOUSE           | AUSTELL      | 215                       |
| 50           | GAR000032540 | PRINTPACK INCORPORATED                   | VILLA RICA   | 210                       |
| <b>Total</b> |              |  |              | <b>200,914</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## GEORGIA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 6,028                   | ONLY AN F CODE                | 2,348                   |  |                         |
| ONLY CORROSIVE                        | 10,778                  | ONLY A K CODE                 | 11                      |  |                         |
| ONLY REACTIVE                         | 30                      | ONLY A P CODE                 | 561                     |  |                         |
| ONLY D004-17                          | 26,435                  | ONLY A U CODE                 | 357                     |  |                         |
| ONLY D018-43                          | 776                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 141,993                 | HAS MORE THAN ONE LISTED CODE | 650                     |  |                         |
| <b>TOTAL</b>                          | <b>186,041</b>          | <b>TOTAL</b>                  | <b>3,927</b>            | <b>Both Characteristic and Listed</b>          | <b>21,143</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 31,268                  |   |                         | IGN. W/ AT LEAST 1 LSTD              | 19,254                  |
| HAS CORROSIVE CODE  | 136,890                 |   |                         | CORR. W/ AT LEAST 1 LSTD             | 8,338                   |
| HAS REACTIVE CODE   | 157                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 120                     |
| HAS D004-D017 CODE  | 111,208                 |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 5,978                   |
| HAS D018-D043 CODE  | 4,866                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 13,712                  |
|   |                         | HAS AN F CODE                           | 620                     | F WASTE W/ AT LEAST 1 CHAR           | 18,531                  |
|   |                         | HAS A K CODE                            | 617                     | K WASTE W/ AT LEAST 1 CHAR           | 830                     |
|   |                         | HAS A P CODE                            | 30                      | P WASTE W/ AT LEAST 1 CHAR           | 617                     |
|   |                         | HAS A U CODE                            | 33                      | U WASTE W/ AT LEAST 1 CHAR           | 4,046                   |
| <b>TOTAL</b>  | <b>141,993</b>          | <b>TOTAL</b>                            | <b>650</b>              | <b>TOTAL</b>                         | <b>21,143</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, D035, F003, F005, D008, D006, D005, D018

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3359  | OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING                   | 84,285         |
| 2            | 3251  | BASIC CHEMICAL MANUFACTURING   | 50,527         |
| 3            | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                                | 22,624         |
| 4            | 3256  | SOAP, CLEANING COMPOUND, AND TOILET PREPARATION MANUFACTURING            | 13,961         |
| 5            | 8113  | COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIV      | 5,548          |
| 6            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 3,316          |
| 7            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                     | 3,305          |
| 8            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                              | 3,115          |
| 9            | 3313  | ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING                           | 3,113          |
| 10           | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                               | 1,924          |
| <b>Total</b> |       |  | <b>191,721</b> |

## GEORGIA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 62

9 Quantity of RCRA Hazardous Waste Managed: 172,507 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID        | Site Name                           | City           | Tons of Waste Managed |
|--------------|---------------|-------------------------------------|----------------|-----------------------|
| 1            | GAD070330576  | EXIDE TECHNOLOGIES                  | COLUMBUS       | 81,631                |
| 2            | GAD981237118  | THE NUTRASWEET COMPANY              | AUGUSTA        | 25,932                |
| 3            | GAD980803621  | CESSNA AIRCRAFT COMPANY             | COLUMBUS       | 21,554                |
| 4            | GAD0003275468 | CHEMICAL PRODUCTS CORPORATION       | CARTERSVILLE   | 17,738                |
| 5            | GAD003267192  | ZEP INC                             | ATLANTA        | 8,030                 |
| 6            | GAD981270226  | CHROMALLOY GEORGIA                  | LAGRANGE       | 5,498                 |
| 7            | GAD051011609  | DSM CHEMICALS NORTH AMERICA INC     | AUGUSTA        | 2,761                 |
| 8            | GAD093380814  | PERMA-FIX OF SOUTH GEORGIA          | VALDOSTA       | 2,616                 |
| 9            | GAD084823301  | PCCR USA, INC                       | FOREST PARK    | 2,452                 |
| 10           | GAD984304014  | YKK AP AMERICA INC                  | DUBLIN         | 2,295                 |
| 11           | GAD000821934  | ARCH WOOD PROTECTION INC            | CONLEY         | 617                   |
| 12           | GAR000030296  | HL-A CO INC                         | BREMEN         | 453                   |
| 13           | GAD981241300  | PRINTPACK INCORPORATED              | VILLA RICA     | 269                   |
| 14           | GAD984310755  | CELLO-FOIL PRODUCTS INC DBA EXOPACK | ALBANY         | 111                   |
| 15           | GAD981245236  | ABC COMPOUNDING CO., INC.           | MORROW         | 82                    |
| 16           | GA0000575696  | SLEEVECO, INC.                      | DAWSONVILLE    | 70                    |
| 17           | GAD004149951  | CHAPARRAL BOATS INC                 | NASHVILLE      | 53                    |
| 18           | GAR000051110  | WINPAK FILMS INC.                   | SENOIA         | 52                    |
| 19           | GAD045837945  | THE HON COMPANY                     | CEDARTOWN      | 48                    |
| 20           | GAD984312843  | TEAM METAL FINISHING                | TOCCOA         | 43                    |
| 21           | GAD980708788  | HOOD PACKAGING CORPORATION          | DECATUR        | 37                    |
| 22           | GAD981261704  | CENTEK INDUSTRIES INC               | THOMASVILLE    | 29                    |
| 23           | GAD066477142  | COTTRELL INC                        | GAINESVILLE    | 27                    |
| 24           | GAR000034884  | FLEXSTAR PACKAGING, INC.            | DALTON         | 17                    |
| 25           | GAD057293250  | BEAVER MANUFACTURING CO INC         | MANSFIELD      | 14                    |
| 26           | GA0002265148  | EVERLUBE PRODUCTS                   | PEACHTREE CITY | 9                     |
| 27           | GAD984311597  | RANEWS COMPANIES                    | MILNER         | 8                     |
| 28           | GAR000046086  | TARGET STORE #T2137                 | ATLANTA        | 7                     |
| 29           | GAD000649145  | EMORY UNIVERSITY                    | ATLANTA        | 7                     |
| 30           | GAR000021550  | PACKAGING PRODUCTS CORPORATION      | ROME           | 6                     |
| 31           | GA4170090001  | NAVAL SUBMARINE BASE - KINGS BAY    | KINGS BAY      | 5                     |
| 32           | GAR000051979  | TARGET STORE #T2387                 | FLOWERY BRANCH | 4                     |
| 33           | GAR000045450  | TARGET STORE #T2129                 | PEACHTREE CITY | 4                     |
| 34           | GAR000044222  | TARGET STORE #T1223                 | NEWNAN         | 3                     |
| 35           | GAD981027147  | GEIGER INTERNATIONAL, INC.          | ATLANTA        | 3                     |
| 36           | GAR000044263  | TARGET STORE #T1964                 | ATLANTA        | 3                     |
| 37           | GAD042861666  | NORTHSIDE HOSPITAL                  | ATLANTA        | 2                     |
| 38           | GAR000044198  | TARGET STORE #T1394                 | CUMMING        | 1                     |
| 39           | GA8570024606  | AIR FORCE PLANT 6                   | MARIETTA       | 1                     |
| 40           | GAR000045179  | TARGET STORE #T2091                 | ACWORTH        | 1                     |
| 41           | GAR000044669  | TARGET STORE #T0749                 | DULUTH         | 1                     |
| 42           | GAR000050153  | TARGET STORE #T2301                 | BRUNSWICK      | 1                     |
| 43           | GAR000047407  | TARGET STORE #T2171                 | ATLANTA        | 1                     |
| 44           | GAR000043935  | TARGET STORE #T1165                 | MARIETTA       | 1                     |
| 45           | GAR000044305  | TARGET STORE #T1779                 | DULUTH         | 1                     |
| 46           | GAR000044180  | TARGET STORE #T1400                 | HIRAM          | 1                     |
| 47           | GAR000044313  | TARGET STORE #T1761                 | ROSWELL        | 1                     |
| 48           | GAR000044008  | TARGET STORE #T1106                 | MARIETTA       | 1                     |
| 49           | GAR000044099  | TARGET STORE #T0796                 | GAINESVILLE    | 1                     |
| 50           | GAR000044248  | TARGET STORE #T2056                 | SUWANEE        | 1                     |
| <b>Total</b> |               |                                     |                | <b>172,503</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## GEORGIA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 1                          | 0.0                       | 1                       | 1.6                         |
| ENERGY RECOVERY              | 28,694                     | 16.6                      | 2                       | 3.2                         |
| FUEL BLENDING                | 1,416                      | 0.8                       | 3                       | 4.8                         |
| INCINERATION                 | 1                          | 0.0                       | 2                       | 3.2                         |
| LANDFILL/SURFACE IMPOUNDMENT | 0                          | 0.0                       | 1                       | 1.6                         |
| METALS RECOVERY              | 17,744                     | 10.3                      | 2                       | 3.2                         |
| OTHER DISPOSAL               | 111,014                    | 64.4                      | 32                      | 51.6                        |
| OTHER RECOVERY               | 728                        | 0.4                       | 2                       | 3.2                         |
| OTHER TREATMENT              | 10,626                     | 6.2                       | 6                       | 9.7                         |
| SOLVENTS RECOVERY            | 992                        | 0.6                       | 17                      | 27.4                        |
| STABILIZATION                | 1,292                      | 0.7                       | 1                       | 1.6                         |
|                              | 172,507                    | 100.0                     | 62                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL               | 111,014                    | 64.4                      | 32                      | 51.6                        |
| ENERGY RECOVERY              | 28,694                     | 16.6                      | 2                       | 3.2                         |
| METALS RECOVERY              | 17,744                     | 10.3                      | 2                       | 3.2                         |
| OTHER TREATMENT              | 10,626                     | 6.2                       | 6                       | 9.7                         |
| FUEL BLENDING                | 1,416                      | 0.8                       | 3                       | 4.8                         |
| STABILIZATION                | 1,292                      | 0.7                       | 1                       | 1.6                         |
| SOLVENTS RECOVERY            | 992                        | 0.6                       | 17                      | 27.4                        |
| OTHER RECOVERY               | 728                        | 0.4                       | 2                       | 3.2                         |
| INCINERATION                 | 1                          | 0.0                       | 2                       | 3.2                         |
| AQUEOUS INORGANIC TREATMENT  | 1                          | 0.0                       | 1                       | 1.6                         |
| LANDFILL/SURFACE IMPOUNDMENT | 0                          | 0.0                       | 1                       | 1.6                         |
|                              | 172,507                    | 100.0                     | 62                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL               | 111,014                    | 64.4                      | 32                      | 51.6                        |
| SOLVENTS RECOVERY            | 992                        | 0.6                       | 17                      | 27.4                        |
| OTHER TREATMENT              | 10,626                     | 6.2                       | 6                       | 9.7                         |
| FUEL BLENDING                | 1,416                      | 0.8                       | 3                       | 4.8                         |
| INCINERATION                 | 1                          | 0.0                       | 2                       | 3.2                         |
| OTHER RECOVERY               | 728                        | 0.4                       | 2                       | 3.2                         |
| ENERGY RECOVERY              | 28,694                     | 16.6                      | 2                       | 3.2                         |
| METALS RECOVERY              | 17,744                     | 10.3                      | 2                       | 3.2                         |
| STABILIZATION                | 1,292                      | 0.7                       | 1                       | 1.6                         |
| LANDFILL/SURFACE IMPOUNDMENT | 0                          | 0.0                       | 1                       | 1.6                         |
| AQUEOUS INORGANIC TREATMENT  | 1                          | 0.0                       | 1                       | 1.6                         |
|                              | 172,507                    | 100.0                     | 62                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, D035, F005, D007, D002, D008, D018, D011, F002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## GEORGIA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 383

16 Quantity of RCRA Hazardous Waste Shipped: 42,299

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                | City         | Quantity Shipped<br>(Tons) |
|-------|--------------|--|--------------|----------------------------|
| 1     | GAD003267192 | ZEP INC                                  | ATLANTA      | 2,975                      |
| 2     | GAD051010429 | AMREP INC                                | MARIETTA     | 2,388                      |
| 3     | GAD131327546 | KIK PIEDMONT LLC                         | GAINESVILLE  | 1,869                      |
| 4     | GA7170023694 | MARINE CORPS LOGISTICS BASE              | ALBANY       | 1,647                      |
| 5     | GAD070330576 | EXIDE TECHNOLOGIES                       | COLUMBUS     | 1,619                      |
| 6     | GAD093380814 | PERMA-FIX OF SOUTH GEORGIA               | VALDOSTA     | 1,430                      |
| 7     | GAR000006940 | INTERNATIONAL FLAVORS & FRAGRANCES       | AUGUSTA      | 1,381                      |
| 8     | GAD003321619 | GEORGIA INSTITUTE OF TECHNOLOGY          | ATLANTA      | 1,158                      |
| 9     | GA1570024330 | ROBINS AIR FORCE BASE                    | ROBINS AFB   | 1,141                      |
| 10    | GAD075876623 | PPG ARCHITECTURAL FINISHES INC           | EAST POINT   | 1,127                      |
| 11    | GAD980726491 | NORAMCO INC                              | ATHENS       | 943                        |
| 12    | GAD003323805 | WILLIAM C MEREDITH CO INC                | EAST POINT   | 925                        |
| 13    | GAD030035356 | BAYER CROPSCIENCE - WOODBINE PLANT       | WOODBINE     | 893                        |
| 14    | GAR000034033 | DECOSTAR INDUSTRIES, INC.                | CARROLLTON   | 832                        |
| 15    | GAD981024458 | SOUTH ATLANTIC GALVANIZING               | CLAXTON      | 779                        |
| 16    | GAD003279981 | MEGGITT (ROCKMART), INC.                 | ROCKMART     | 638                        |
| 17    | GA0001122159 | ERCO WORLDWIDE INC                       | VALDOSTA     | 631                        |
| 18    | GAD981238199 | SAPA EXTRUDER INC (FORMERLY INDALEX INC) | GAINESVILLE  | 622                        |
| 19    | GAD981231970 | OPTIMA CHEMICAL GROUP LLC                | DOUGLAS      | 596                        |
| 20    | GAD003306750 | TENNECO INC                              | HARTWELL     | 548                        |
| 21    | GAD051011609 | DSM CHEMICALS NORTH AMERICA INC          | AUGUSTA      | 528                        |
| 22    | GAD051021285 | APOLLO TECHNOLOGIES                      | SMYRNA       | 513                        |
| 23    | GAR000022368 | US BATTERY MANUFACTURING COMPANY         | AUGUSTA      | 475                        |
| 24    | GAD981269210 | 3M ATLANTA                               | ATLANTA      | 443                        |
| 25    | GAD991274820 | BIOLAB INC                               | CONYERS      | 409                        |
| 26    | GAR000054429 | KIA MOTORS MANUFACTURING GEORGIA         | WEST POINT   | 387                        |
| 27    | GAD006924872 | DELTA AIR LINES INC                      | ATLANTA      | 367                        |
| 28    | GAD000827873 | METAL COATERS - PLANT 1                  | MARIETTA     | 334                        |
| 29    | GAD000616367 | MKC ENTERPRISES, INC.                    | DORAVILLE    | 325                        |
| 30    | GAD107525503 | SOLVAY SPECIALTY POLYMERS USA, LLC       | AUGUSTA      | 318                        |
| 31    | GAD003292877 | NUSTAR ASPHALT REFINING LLC              | SAVANNAH     | 311                        |
| 32    | GAD980842777 | SAFETY-KLEEN SYSTEMS, INC.               | NORCROSS     | 286                        |
| 33    | GAD000614347 | ETHICON                                  | CORNELIA     | 284                        |
| 34    | GAD980803621 | CESSNA AIRCRAFT COMPANY                  | COLUMBUS     | 284                        |
| 35    | GAD981265424 | SAFETY-KLEEN SYSTEMS, INC.               | MORROW       | 283                        |
| 36    | GAD061022216 | GULFSTREAM AEROSPACE CORPORATION         | SAVANNAH     | 270                        |
| 37    | GAD981241300 | PRINTPACK INCORPORATED                   | VILLA RICA   | 263                        |
| 38    | GAD981243868 | ECOLAB INC                               | MCDONOUGH    | 261                        |
| 39    | GAD045929643 | THE DOW CHEMICAL COMPANY                 | DALTON       | 243                        |
| 40    | GAD981264880 | YAMAHA MOTOR MANUFACTURING CORP          | NEWNAN       | 238                        |
| 41    | GAD000143677 | DIXIE INDUSTRIAL FINISHING CO            | TUCKER       | 228                        |
| 42    | GAD084823301 | PCCR USA, INC                            | FOREST PARK  | 227                        |
| 43    | GAR000030296 | HL-A CO INC                              | BREMEN       | 226                        |
| 44    | GAR000051003 | METAL CONVERSION TECHNOLOGIES, LLC       | CARTERSVILLE | 226                        |
| 45    | GAR000038604 | ATLANTA CONSOLIDATED WAREHOUSE           | AUSTELL      | 215                        |
| 46    | GAR000032540 | PRINTPACK INCORPORATED                   | VILLA RICA   | 210                        |
| 47    | GA8570024606 | AIR FORCE PLANT 6                        | MARIETTA     | 206                        |
| 48    | GAR000004325 | SNF FLOCRYL INC ACRYLATES                | RICEBORO     | 203                        |
| 49    | GAD000827402 | THE COCA COLA CO - ATLANTA SYRUP PLANT   | ATLANTA      | 184                        |
| 50    | GAD003480530 | SCOVILL FASTENERS                        | CLARKESVILLE | 184                        |
| Total |              |  |              | 33,073                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## GEORGIA

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 7

19 Quantity of RCRA Hazardous Waste Received: 3,861 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                  | City        | Quantity Received<br>(Tons) |
|--------------|--------------|----------------------------|-------------|-----------------------------|
| 1            | GAD093380814 | PERMA-FIX OF SOUTH GEORGIA | VALDOSTA    | 2,925                       |
| 2            | GAD000616367 | MKC ENTERPRISES, INC.      | DORAVILLE   | 521                         |
| 3            | GAD981265424 | SAFETY-KLEEN SYSTEMS, INC. | MORROW      | 126                         |
| 4            | GAD980842777 | SAFETY-KLEEN SYSTEMS, INC. | NORCROSS    | 125                         |
| 5            | GAD980709257 | SAFETY-KLEEN SYSTEMS, INC. | MACON       | 71                          |
| 6            | GAD073460941 | UNIVERSITY OF GEORGIA      | ATHENS      | 50                          |
| 7            | GAD000776781 | SAFETY-KLEEN SYSTEMS, INC. | GARDEN CITY | 44                          |
| <b>Total</b> |              |                            |             | <b>3,861</b>                |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## GEORGIA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING                | 1,316                      | 34.1                      | 1                       | 14.3                        |
| INCINERATION                 | 1                          | 0.0                       | 1                       | 14.3                        |
| LANDFILL/SURFACE IMPOUNDMENT | 0                          | 0.0                       | 1                       | 14.3                        |
| METALS RECOVERY              | 6                          | 0.2                       | 1                       | 14.3                        |
| STABILIZATION                | 1,292                      | 33.5                      | 1                       | 14.3                        |
| STORAGE AND/OR TRANSFER      | 1,246                      | 32.3                      | 7                       | 100.0                       |
|                              | 3,861                      | 100.0                     | 7                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING                | 1,316                      | 34.1                      | 1                       | 14.3                        |
| STABILIZATION                | 1,292                      | 33.5                      | 1                       | 14.3                        |
| STORAGE AND/OR TRANSFER      | 1,246                      | 32.3                      | 7                       | 100.0                       |
| METALS RECOVERY              | 6                          | 0.2                       | 1                       | 14.3                        |
| INCINERATION                 | 1                          | 0.0                       | 1                       | 14.3                        |
| LANDFILL/SURFACE IMPOUNDMENT | 0                          | 0.0                       | 1                       | 14.3                        |
|                              | 3,861                      | 100.0                     | 7                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 1,246                      | 32.3                      | 7                       | 100.0                       |
| INCINERATION                 | 1                          | 0.0                       | 1                       | 14.3                        |
| STABILIZATION                | 1,292                      | 33.5                      | 1                       | 14.3                        |
| METALS RECOVERY              | 6                          | 0.2                       | 1                       | 14.3                        |
| FUEL BLENDING                | 1,316                      | 34.1                      | 1                       | 14.3                        |
| LANDFILL/SURFACE IMPOUNDMENT | 0                          | 0.0                       | 1                       | 14.3                        |
|                              | 3,861                      | 100.0                     | 7                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## GEORGIA

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 39,554 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 1,493 Tons

**26 Georgia Interstate Shipment / Receipts (As reported by Georgia):**

The State to which Georgia shipped the largest quantity of waste was Alabama (8,213 tons).

The State that shipped the largest quantity of waste to Georgia was Florida (1,097 tons).

## GUAM

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 8

2 Quantity of RCRA Hazardous Waste Generated: 86 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank  | EPA ID       | Site Name                                     | City          | Total Generated<br>(Tons) |
|-------|--------------|---|---------------|---------------------------|
| 1     | GU5170022680 | NAVAL FACILITIES ENGINEERING COMMAND MARIANAS | SANTA RITA    | 44                        |
| 2     | GU7171027323 | COMMANDER, U.S. NAVAL FORCES MARIANAS         | SANTA RITA    | 17                        |
| 3     | GUR000128595 | POLARIS POINT, U.S. NAVAL FORCES MARIANAS     | PITI          | 10                        |
| 4     | GU6571999519 | U.S. AIR FORCE ANDERSEN AIR FORCE BASE        | YIGO          | 9                         |
| 5     | GUD984366153 | CABRAS MARINE CORPORTATION                    | PITI          | 2                         |
| 6     | GU9170090022 | U.S. NAVAL HOSPITAL, GUAM                     | AGANA HEIGHTS | 2                         |
| 7     | GUC000711042 | MOBIL OIL GUAM, INC                           | PITI          | 1                         |
| 8     | GU0170090013 | ORDNANCE ANNEX, U.S. NAVAL FORCES MARIANAS    | SANTA RITA    | 1                         |
| Total |              |   |               | 86                        |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## GUAM

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 21                      | ONLY AN F CODE                | 1                       |  |                         |
| ONLY CORROSIVE                        | 10                      | ONLY A K CODE                 | 0                       |  |                         |
| ONLY REACTIVE                         | 0                       | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 28                      | ONLY A U CODE                 | 2                       |  |                         |
| ONLY D018-43                          | 1                       |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 20                      | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>81</b>               | <b>TOTAL</b>                  | <b>3</b>                | <b>Both Characteristic and Listed</b>          | <b>1</b>                |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 16                      |   |                         | IGN. W/ AT LEAST 1 LSTD              | 1                       |
| HAS CORROSIVE CODE  | 5                       |   |                         | CORR. W/ AT LEAST 1 LSTD             | 0                       |
| HAS REACTIVE CODE   | 8                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 0                       |
| HAS D004-D017 CODE  | 10                      |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 0                       |
| HAS D018-D043 CODE  | 8                       |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 0                       |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 1                       |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 0                       |
| <b>TOTAL</b>  | <b>20</b>               | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>1</b>                |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D003, D009, D035, D007, D018, D008, D005, D011

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description   | Tons Generated |
|--------------|-------|---|----------------|
| 1            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS           | 83             |
| 2            | 4883  | SUPPORT ACTIVITIES FOR WATER TRANSPORTATION           | 2              |
| 3            | 4247  | PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS | 1              |
| <b>Total</b> |       |   | <b>86</b>      |

## GUAM

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 1

9 Quantity of RCRA Hazardous Waste Managed: 0 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                              | City | Tons of Waste Managed |
|-------|--------------|--|------|-----------------------|
| 1     | GU6571999519 | U.S. AIR FORCE ANDERSEN AIR FORCE BASE | YIGO | 0                     |
| Total |              |  |      | 0                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.  
Facilities reporting storage only and their quantity managed are excluded.

## GUAM

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT   | 0                          | 100.0                     | 1                       | 100.0                       |
|                   | 0                          | 100.0                     | 1                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT   | 0                          | 100.0                     | 1                       | 100.0                       |
|                   | 0                          | 100.0                     | 1                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT   | 0                          | 100.0                     | 1                       | 100.0                       |
|                   | 0                          | 100.0                     | 1                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Wastes Managed\*: D003

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## GUAM

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 8

16 Quantity of RCRA Hazardous Waste Shipped: 88

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                  | City          | Quantity Shipped<br>(Tons) |
|-------|--------------|--|---------------|----------------------------|
| 1     | GU5170022680 | NAVAL FACILITIES ENGINEERING COMMAND MARIA | SANTA RITA    | 45                         |
| 2     | GU7171027323 | COMMANDER, U.S. NAVAL FORCES MARIANAS      | SANTA RITA    | 17                         |
| 3     | GUR000128595 | POLARIS POINT, U.S. NAVAL FORCES MARIANAS  | PITI          | 11                         |
| 4     | GU6571999519 | U.S. AIR FORCE ANDERSEN AIR FORCE BASE     | YIGO          | 9                          |
| 5     | GUD984366153 | CABRAS MARINE CORPORTATION                 | PITI          | 2                          |
| 6     | GU9170090022 | U.S. NAVAL HOSPITAL, GUAM                  | AGANA HEIGHTS | 2                          |
| 7     | GUC000711042 | MOBIL OIL GUAM, INC                        | PITI          | 1                          |
| 8     | GU0170090013 | ORDNANCE ANNEX, U.S. NAVAL FORCES MARIANA  | SANTA RITA    | 1                          |
| Total |              |  |               | 88                         |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**GUAM**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 1

**19** Quantity of RCRA Hazardous Waste Received: 37 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City       | Quantity Received<br>(Tons) |
|--------------|--------------|--|------------|-----------------------------|
| 1            | GU5170022680 | NAVAL FACILITIES ENGINEERING COMMAND MARIAN/ | SANTA RITA | 37                          |
| <b>Total</b> |              |  |            | <b>37</b>                   |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## GUAM

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 37                         | 100.0                     | 1                       | 100.0                       |
|                         | 37                         | 100.0                     | 1                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 37                         | 100.0                     | 1                       | 100.0                       |
|                         | 37                         | 100.0                     | 1                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 37                         | 100.0                     | 1                       | 100.0                       |
|                         | 37                         | 100.0                     | 1                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**GUAM**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 56 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 0 Tons

**26 Guam Interstate Shipment / Receipts (As reported by Guam):**

The State to which Guam shipped the largest quantity of waste was Tennessee (48 tons).

No States shipped waste to Guam.

## HAWAII

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 51

2 Quantity of RCRA Hazardous Waste Generated: 425,644 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                      | City                     | Total Generated (Tons) |
|--------------|--------------|--|--------------------------|------------------------|
| 1            | HID056786395 | TESORO HAWAII REFINERY                         | KAPOLEI                  | 424,546                |
| 2            | HI0170090005 | NAVY REGION HAWAII - MAKALAPA COMPOUND         | JOINT BASE PEARL HARBOR  | 381                    |
| 3            | HI6170024339 | PEARL HARBOR NAVAL SHIPYARD AND INTERMEDIA     | PEARL HARBOR             | 312                    |
| 4            | HI1170024334 | NAVY REGION HAWAII - JOINT BASE PEARL HARBOR   | JOINT BASE PEARL HARBOR  | 102                    |
| 5            | HIT160010005 | CHEVRON HAWAII REFINERY                        | KAPOLEI                  | 93                     |
| 6            | HI9170090006 | NAVY REGION HAWAII - WEST LOCH                 | EWA BEACH                | 40                     |
| 7            | HI6170022762 | MARINE CORPS BASE HAWAII                       | MARINE CORPS BASE HAWAII | 24                     |
| 8            | HIR000140277 | PACIFIC AVIATION MUSEUM PEARL HARBOR           | HONOLULU                 | 21                     |
| 9            | HI3210022239 | SCHOFIELD BARRACKS                             | WAAF, SCHOFIELD          | 19                     |
| 10           | HID000626333 | ALOHA PETROLEUM LTD. TFM TERMINAL              | KAPOLEI                  | 10                     |
| 11           | HIR000140285 | NOAA PACIFIC REGIONAL CENTER FORD ISLAND       | HONOLULU                 | 8                      |
| 12           | HIR000136358 | TRANSPORTATION SECURITY ADMINISTRATION - HC    | HONOLULU                 | 7                      |
| 13           | HI6170024719 | NAVY REGION HAWAII - PACIFIC MISSILE RANGE FAC | BARKING SANDS, KEKAHA    | 7                      |
| 14           | HID087190542 | UNIVERSITY OF HAWAII AT MANOA                  | HONOLULU                 | 7                      |
| 15           | HIR000000703 | US ARMY POHAKULOA TRAINING AREA                | PTA, ISLAND OF HAWAII    | 7                      |
| 16           | HIT000615203 | CHEVRON HONOLULU TERMINAL MARINE TERMINAL      | HONOLULU                 | 5                      |
| 17           | HID059472357 | BEI HAWAII                                     | HONOLULU                 | 5                      |
| 18           | HIR000137059 | CHEVRON 95570                                  | HONOLULU                 | 4                      |
| 19           | HIR000050617 | U.S. ARMY, TRIPLER ARMY MEDICAL CENTER         | HONOLULU                 | 4                      |
| 20           | HI0000463687 | PIER 2 HONOLULU HARBOR                         | HONOLULU                 | 4                      |
| 21           | HIR000140632 | HILO MEMORIAL HOSPITAL                         | HILO                     | 3                      |
| 22           | HIR000140434 | ALOHA ISLAND MART KAHALA                       | HONOLULU                 | 3                      |
| 23           | HID066272360 | THE GAS COMPANY, LLC - SNG PLANT               | KAPOLEI                  | 3                      |
| 24           | HI8170090015 | NAVY REGION HAWAII - NAVAL MAGAZINE PEARL HA   | WAIANAE                  | 2                      |
| 25           | HIP000140301 | BRANDY SIGNS                                   | WAIPAHU                  | 2                      |
| 26           | HIR000138164 | HAMAKUA ENERGY PARTNERS                        | HONOKAA                  | 2                      |
| 27           | HI0000146365 | TESORO HAWAII MAUI TERMINAL                    | KAHULUI                  | 2                      |
| 28           | HID982492209 | KAISER PERMANENTE HAWAII                       | HONOLULU                 | 2                      |
| 29           | HIP000140384 | PACIFICA HONOLULU                              | HONOLULU                 | 2                      |
| 30           | HIR000050401 | NAVY REGION HAWAII - HALAWA RED HILL           | HONOLULU                 | 2                      |
| 31           | HID982487787 | WILCOX MEMORIAL HOSPITAL                       | LIHUE                    | 1                      |
| 32           | HID981413370 | KAUAI COMMERCIAL COMPANY                       | LIHUE                    | 1                      |
| 33           | HIR000139345 | TARGET STORE #T2412                            | KAILUA-KONA              | 1                      |
| 34           | HIR000139709 | SAND ISLAND BUSINESS ASSOCIATION               | HONOLULU                 | 1                      |
| 35           | HIT000615252 | CHEVRON HILO TERMINAL 1001891                  | HILO                     | 1                      |
| 36           | HIP000139972 | KAUAI BUILDERS, LTD.                           | LIHUE                    | 1                      |
| 37           | HIR000001057 | PUNA GEOTHERMAL VENTURE                        | PAHOA                    | 1                      |
| 38           | HIR000000224 | TARGET STORE #T2410                            | HONOLULU                 | 1                      |
| 39           | HIR000139121 | TARGET STORE #T2411                            | KAPOLEI                  | 1                      |
| 40           | HIR000140459 | TARGET STORE #T2682                            | HILO                     | 1                      |
| 41           | HID984467480 | HAWAII MEDICAL CENTER EAST                     | HONOLULU                 | 1                      |
| 42           | HI0000273003 | LONGS DRUG STORE #9671                         | KANEOHE                  | 0                      |
| 43           | HI0000928358 | LONGS DRUG STORE #9936                         | KAILUA KONA              | 0                      |
| 44           | HI0000272971 | LONGS DRUG STORE #9275                         | PEARL CITY               | 0                      |
| 45           | HI0000273011 | LONGS DRUG STORE #9227                         | HILO                     | 0                      |
| 46           | HIP000140400 | ORDNANCE REEF BARGE                            | WAIANAE                  | 0                      |
| 47           | HIR000134775 | HAWAII MEDICAL CENTER WEST                     | EWA BEACH                | 0                      |
| 48           | HI0000883371 | LONGS DRUG STORE #9953                         | KANEOHE                  | 0                      |
| 49           | HIR000039479 | LONGS DRUG STORE #9317                         | KAPOLEI                  | 0                      |
| 50           | HI0000272880 | LONGS DRUG STORE #9813                         | AIEA                     | 0                      |
| <b>Total</b> |              |  |                          | <b>425,644</b>         |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## HAWAII

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 47                      | ONLY AN F CODE                | 152                     |  |                         |
| ONLY CORROSIVE                        | 39                      | ONLY A K CODE                 | 113                     |  |                         |
| ONLY REACTIVE                         | 0                       | ONLY A P CODE                 | 1                       |  |                         |
| ONLY D004-17                          | 329                     | ONLY A U CODE                 | 2                       |  |                         |
| ONLY D018-43                          | 424,383                 |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 150                     | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>424,949</b>          | <b>TOTAL</b>                  | <b>267</b>              | <b>Both Characteristic and Listed</b>          | <b>424</b>              |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 92                      |   |                         | IGN. W/ AT LEAST 1 LSTD              | 33                      |
| HAS CORROSIVE CODE  | 60                      |   |                         | CORR. W/ AT LEAST 1 LSTD             | 2                       |
| HAS REACTIVE CODE   | 28                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 0                       |
| HAS D004-D017 CODE  | 106                     |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 18                      |
| HAS D018-D043 CODE  | 52                      |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 395                     |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 40                      |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 382                     |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 384                     |
| <b>TOTAL</b>  | <b>150</b>              | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>424</b>              |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D007, D002, D008, D035, D006, D005, F003, D009, D011

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description   | Tons Generated |
|--------------|-------|---|----------------|
| 1            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING             | 424,639        |
| 2            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS           | 896            |
| 3            | 7121  | MUSEUMS, HISTORICAL SITES, AND SIMILAR INSTITUTIONS   | 21             |
| 4            | 4247  | PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS | 19             |
| 5            | 6221  | GENERAL MEDICAL AND SURGICAL HOSPITALS                | 9              |
| 6            | 5417  | SCIENTIFIC RESEARCH AND DEVELOPMENT SERVICES          | 8              |
| 7            | 4881  | SUPPORT ACTIVITIES FOR AIR TRANSPORTATION             | 7              |
| 8            | 4471  | GASOLINE STATIONS                                     | 7              |
| 9            | 6113  | COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS      | 7              |
| 10           | 4246  | CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS     | 5              |
| <b>Total</b> |       |   | <b>425,619</b> |

## HAWAII

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 3

9 Quantity of RCRA Hazardous Waste Managed: 424,468 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                                   | City                    | Tons of Waste Managed |
|-------|--------------|---|-------------------------|-----------------------|
| 1     | HID056786395 | TESORO HAWAII REFINERY                      | KAPOLEI                 | 424,316               |
| 2     | HI1170024334 | NAVY REGION HAWAII - JOINT BASE PEARL HARBO | JOINT BASE PEARL HARBOR | 152                   |
| 3     | HIP000140400 | ORDNANCE REEF BARGE                         | WAIANAE                 | 0                     |
| Total |              |   |                         | 424,468               |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## HAWAII

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 144                        | 0.0                       | 1                       | 33.3                        |
| AQUEOUS ORGANIC TREATMENT   | 424,316                    | 100.0                     | 1                       | 33.3                        |
| OTHER TREATMENT             | 9                          | 0.0                       | 2                       | 66.7                        |
|                             | 424,468                    | 100.0                     | 3                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT   | 424,316                    | 100.0                     | 1                       | 33.3                        |
| AQUEOUS INORGANIC TREATMENT | 144                        | 0.0                       | 1                       | 33.3                        |
| OTHER TREATMENT             | 9                          | 0.0                       | 2                       | 66.7                        |
|                             | 424,468                    | 100.0                     | 3                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT             | 9                          | 0.0                       | 2                       | 66.7                        |
| AQUEOUS INORGANIC TREATMENT | 144                        | 0.0                       | 1                       | 33.3                        |
| AQUEOUS ORGANIC TREATMENT   | 424,316                    | 100.0                     | 1                       | 33.3                        |
|                             | 424,468                    | 100.0                     | 3                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Wastes Managed\*: D002, D008, D001, D007, D010, D003, D018

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## HAWAII

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 49

16 Quantity of RCRA Hazardous Waste Shipped: 1,300

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                     | City                    | Quantity Shipped<br>(Tons) |
|-------|--------------|---|-------------------------|----------------------------|
| 1     | HI0170090005 | NAVY REGION HAWAII - MAKALAPA COMPOUND        | JOINT BASE PEARL HARBOR | 381                        |
| 2     | HI6170024339 | PEARL HARBOR NAVAL SHIPYARD AND INTERMEDI     | PEARL HARBOR            | 308                        |
| 3     | HID056786395 | TESORO HAWAII REFINERY                        | KAPOLEI                 | 231                        |
| 4     | HI1170024334 | NAVY REGION HAWAII - JOINT BASE PEARL HARBO   | JOINT BASE PEARL HARBOR | 141                        |
| 5     | HIT160010005 | CHEVRON HAWAII REFINERY                       | KAPOLEI                 | 42                         |
| 6     | HI9170090006 | NAVY REGION HAWAII - WEST LOCH                | EWA BEACH               | 40                         |
| 7     | HI6170022762 | MARINE CORPS BASE HAWAII                      | MARINE CORPS BASE HAWA  | 24                         |
| 8     | HI3210022239 | SCHOFIELD BARRACKS                            | WAAF, SCHOFIELD         | 18                         |
| 9     | HIR000140277 | PACIFIC AVIATION MUSEUM PEARL HARBOR          | HONOLULU                | 16                         |
| 10    | HID000626333 | ALOHA PETROLEUM LTD. TFM TERMINAL             | KAPOLEI                 | 10                         |
| 11    | HIR000140285 | NOAA PACIFIC REGIONAL CENTER FORD ISLAND      | HONOLULU                | 8                          |
| 12    | HID087190542 | UNIVERSITY OF HAWAII AT MANOA                 | HONOLULU                | 7                          |
| 13    | HIR000136358 | TRANSPORTATION SECURITY ADMINISTRATION - H    | HONOLULU                | 7                          |
| 14    | HI6170024719 | NAVY REGION HAWAII - PACIFIC MISSILE RANGE FA | BARKING SANDS, KEKAHA   | 7                          |
| 15    | HIR000000703 | US ARMY POHAKULOLOA TRAINING AREA             | PTA, ISLAND OF HAWAII   | 7                          |
| 16    | HIT000615203 | CHEVRON HONOLULU TERMINAL MARINE TERMINA      | HONOLULU                | 5                          |
| 17    | HIR000137059 | CHEVRON 95570                                 | HONOLULU                | 4                          |
| 18    | HIR000050617 | U.S. ARMY, TRIPLER ARMY MEDICAL CENTER        | HONOLULU                | 4                          |
| 19    | HI0000463687 | PIER 2 HONOLULU HARBOR                        | HONOLULU                | 4                          |
| 20    | HIR000140632 | HILO MEMORIAL HOSPITAL                        | HILO                    | 3                          |
| 21    | HIR000140434 | ALOHA ISLAND MART KAHALA                      | HONOLULU                | 3                          |
| 22    | HID066272360 | THE GAS COMPANY, LLC - SNG PLANT              | KAPOLEI                 | 3                          |
| 23    | HI8170090015 | NAVY REGION HAWAII - NAVAL MAGAZINE PEARL H   | WAIANAE                 | 2                          |
| 24    | HIP000140301 | BRANDY SIGNS                                  | WAIPAHU                 | 2                          |
| 25    | HIR000138164 | HAMAKUA ENERGY PARTNERS                       | HONOKAA                 | 2                          |
| 26    | HI0000146365 | TESORO HAWAII MAUI TERMINAL                   | KAHULUI                 | 2                          |
| 27    | HIP000140384 | PACIFICA HONOLULU                             | HONOLULU                | 2                          |
| 28    | HIR000050401 | NAVY REGION HAWAII - HALAWA RED HILL          | HONOLULU                | 2                          |
| 29    | HID982492209 | KAISER PERMANENTE HAWAII                      | HONOLULU                | 1                          |
| 30    | HID982487787 | WILCOX MEMORIAL HOSPITAL                      | LIHUE                   | 1                          |
| 31    | HID981413370 | KAUAI COMMERCIAL COMPANY                      | LIHUE                   | 1                          |
| 32    | HIR000139345 | TARGET STORE #T2412                           | KAILUA-KONA             | 1                          |
| 33    | HIR000139709 | SAND ISLAND BUSINESS ASSOCIATION              | HONOLULU                | 1                          |
| 34    | HIT000615252 | CHEVRON HILO TERMINAL 1001891                 | HILO                    | 1                          |
| 35    | HIP000139972 | KAUAI BUILDERS, LTD.                          | LIHUE                   | 1                          |
| 36    | HIR000001057 | PUNA GEOTHERMAL VENTURE                       | PAHOA                   | 1                          |
| 37    | HIR000000224 | TARGET STORE #T2410                           | HONOLULU                | 1                          |
| 38    | HIR000139121 | TARGET STORE #T2411                           | KAPOLEI                 | 1                          |
| 39    | HIR000140459 | TARGET STORE #T2682                           | HILO                    | 1                          |
| 40    | HID984467480 | HAWAII MEDICAL CENTER EAST                    | HONOLULU                | 1                          |
| 41    | HI0000273003 | LONGS DRUG STORE #9671                        | KANEOHE                 | 0                          |
| 42    | HI0000928358 | LONGS DRUG STORE #9936                        | KAILUA KONA             | 0                          |
| 43    | HI0000272971 | LONGS DRUG STORE #9275                        | PEARL CITY              | 0                          |
| 44    | HI0000273011 | LONGS DRUG STORE #9227                        | HILO                    | 0                          |
| 45    | HIR000134775 | HAWAII MEDICAL CENTER WEST                    | EWA BEACH               | 0                          |
| 46    | HI0000883371 | LONGS DRUG STORE #9953                        | KANEOHE                 | 0                          |
| 47    | HIR000039479 | LONGS DRUG STORE #9317                        | KAPOLEI                 | 0                          |
| 48    | HI0000272880 | LONGS DRUG STORE #9813                        | AIEA                    | 0                          |
| 49    | HIR000138297 | LONGS DRUG STORE #9864                        | MILILANI                | 0                          |
| Total |              |   |                         | 1,300                      |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**HAWAII**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 1

**19** Quantity of RCRA Hazardous Waste Received: 190 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name   | City | Quantity Received<br>(Tons) |
|--------------|--------------|---|------|-----------------------------|
| 1            | HI1170024334 | NAVY REGION HAWAII - JOINT BASE PEARL HARBOR - JOINT BASE PEARL HARBOR- |      | 190                         |
| <b>Total</b> |              |   |      | <b>190</b>                  |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## HAWAII

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 139                        | 73.2                      | 1                       | 100.0                       |
| OTHER TREATMENT             | 0                          | 0.0                       | 1                       | 100.0                       |
| STORAGE AND/OR TRANSFER     | 51                         | 26.7                      | 1                       | 100.0                       |
|                             | 190                        | 100.0                     | 1                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 139                        | 73.2                      | 1                       | 100.0                       |
| STORAGE AND/OR TRANSFER     | 51                         | 26.7                      | 1                       | 100.0                       |
| OTHER TREATMENT             | 0                          | 0.0                       | 1                       | 100.0                       |
|                             | 190                        | 100.0                     | 1                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT             | 0                          | 0.0                       | 1                       | 100.0                       |
| AQUEOUS INORGANIC TREATMENT | 139                        | 73.2                      | 1                       | 100.0                       |
| STORAGE AND/OR TRANSFER     | 51                         | 26.7                      | 1                       | 100.0                       |
|                             | 190                        | 100.0                     | 1                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## HAWAII

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 1,121 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 3 Tons

**26 Hawaii Interstate Shipment / Receipts (As reported by Hawaii):**

The State to which Hawaii shipped the largest quantity of waste was California (307 tons).

The State that shipped the largest quantity of waste to Hawaii was Trust Territories (3 tons).

## IDAHO

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 40

2 Quantity of RCRA Hazardous Waste Generated: 3,742 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City              | Total Generated<br>(Tons) |
|--------------|--------------|--|-------------------|---------------------------|
| 1            | IDD073114654 | US ECOLOGY IDAHO INC SITE B                  | GRAND VIEW        | 794                       |
| 2            | ID4890008952 | US DOE INL LAB                               | SCOVILLE          | 742                       |
| 3            | IDD009066481 | ATK AMMUNITION ACCESSORIES INC CCI           | LEWISTON          | 636                       |
| 4            | IDD093120871 | MICRON TECHNOLOGY INC                        | BOISE             | 348                       |
| 5            | IDR000204131 | TRANSFORM MANUFACTURING LLC                  | BOISE             | 188                       |
| 6            | IDR000202077 | BUCK KNIVES INC                              | POST FALLS        | 114                       |
| 7            | IDR000000406 | US ECOLOGY IDAHO INC RTF                     | MAYFIELD          | 107                       |
| 8            | IDD070929518 | FMC IDAHO LLC                                | POCATELLO         | 107                       |
| 9            | IDD984669424 | ATK AMMUNITION ACCESSORIES INC SOUTHPORT     | LEWISTON          | 99                        |
| 10           | IDR000204867 | CHEVRON PIPELINE CO CROWS NEST RD SPILL SITE | HAGERMAN          | 86                        |
| 11           | ID0000309583 | MICRON TECHNOLOGY FAB 9D                     | NAMPA             | 82                        |
| 12           | IDD053798104 | ON SEMICONDUCTOR                             | POCATELLO         | 72                        |
| 13           | IDD081830994 | P4 PRODUCTION LLC                            | SODA SPRINGS      | 56                        |
| 14           | IDD981770498 | SAFETY-KLEEN SYSTEMS INC NB                  | BOISE             | 49                        |
| 15           | IDD009424862 | HECLA LTD MINING CO LUCKY FRIDAY UNIT        | MULLAN            | 29                        |
| 16           | IDD984666669 | ATK AMMUNITION ACCESSORIES INC SPEER         | LEWISTON          | 27                        |
| 17           | IDD990727471 | HEWLETT PACKARD CO                           | BOISE             | 25                        |
| 18           | IDD000466888 | NU WEST INDUSTRIES INC DBA AGRIUM            | SODA SPRINGS      | 23                        |
| 19           | IDR000204727 | ID TRANS DEPT PAYETTE RIVER BRIDGE           | PAYETTE           | 18                        |
| 20           | IDD984670067 | UNIVAR USA INC N MILWAUKEE                   | BOISE             | 17                        |
| 21           | IDD075746271 | ID UI MOSCOW                                 | MOSCOW            | 17                        |
| 22           | IDD980976831 | WABTEC MOTIVEPOWER                           | BOISE             | 16                        |
| 23           | IDR000202242 | AMERICAN ANALYTICAL SERVICES                 | OSBURN            | 14                        |
| 24           | IDD980978183 | ID ISU                                       | POCATELLO         | 13                        |
| 25           | IDR000203364 | TREASURE VALLEY CHROME PLATING               | FRUITLAND         | 9                         |
| 26           | IDR000204453 | WILLIAM RILEY PROPERTY                       | CHALLIS           | 9                         |
| 27           | ID3572124557 | US DOD AF MOUNTAIN HOME AFB                  | MOUNTAIN HOME AFB | 7                         |
| 28           | IDD009073511 | J R SIMPLOT CO DON PLANT SOUTH               | POCATELLO         | 7                         |
| 29           | IDD063334122 | WOODGRAIN MILLWORK INC FRUITLAND             | FRUITLAND         | 6                         |
| 30           | IDR000204610 | ID TRANS DEPT ROAD RUNNER READY MIX          | GARDEN VALLEY     | 5                         |
| 31           | ID8360010245 | US VA MEDICAL CENTER                         | BOISE             | 4                         |
| 32           | IDD981767486 | MICRO 100 TOOL CORP                          | MERIDIAN          | 4                         |
| 33           | IDR000001099 | FRAZIER INDUSTRIAL CO POC                    | POCATELLO         | 3                         |
| 34           | ID6210890061 | US ARMY COE LUCKY PEAK DAM                   | BOISE             | 3                         |
| 35           | IDD981766371 | WINFIELD SOLUTIONS LLC                       | POCATELLO         | 2                         |
| 36           | IDD984667543 | NORTHWEST PIPELINE LEWISTON METER STATION    | LEWISTON          | 1                         |
| 37           | IDR000204529 | MAI GENESIS                                  | PARMA             | 1                         |
| 38           | IDR000204511 | 1 4 GROUP INC                                | MERIDIAN          | 1                         |
| 39           | IDR000202473 | TARGET STORE 0699                            | TWIN FALLS        | 1                         |
| 40           | IDR000204016 | US DOD IDAHO ARMY NATIONAL GUARD             | BOISE             | 0                         |
| <b>Total</b> |              |  |                   | <b>3,742</b>              |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## IDAHO

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 196                     | ONLY AN F CODE                | 855                     |  |                         |
| ONLY CORROSIVE                        | 31                      | ONLY A K CODE                 | 120                     |  |                         |
| ONLY REACTIVE                         | 0                       | ONLY A P CODE                 | 3                       |  |                         |
| ONLY D004-17                          | 941                     | ONLY A U CODE                 | 5                       |  |                         |
| ONLY D018-43                          | 110                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 183                     | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>1,461</b>            | <b>TOTAL</b>                  | <b>983</b>              | <b>Both Characteristic and Listed</b>          | <b>1,298</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 114                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 537                     |
| HAS CORROSIVE CODE  | 43                      |   |                         | CORR. W/ AT LEAST 1 LSTD             | 5                       |
| HAS REACTIVE CODE   | 69                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 3                       |
| HAS D004-D017 CODE  | 76                      |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 830                     |
| HAS D018-D043 CODE  | 71                      |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 333                     |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 1,280                   |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 600                     |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 34                      |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 54                      |
| <b>TOTAL</b>  | <b>183</b>              | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>1,298</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D008, D001, D007, D006, D002, D011, D009, D005, F005, D004

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 5622  | WASTE TREATMENT AND DISPOSAL   | 794            |
| 2            | 3329  | OTHER FABRICATED METAL PRODUCT MANUFACTURING                         | 762            |
| 3            | 9241  | ADMINISTRATION OF ENVIRONMENTAL QUALITY PROGRAMS                     | 742            |
| 4            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING           | 691            |
| 5            | 3251  | BASIC CHEMICAL MANUFACTURING   | 163            |
| 6            | 3322  | CUTLERY AND HANDTOOL MANUFACTURING                                   | 114            |
| 7            | 5629  | REMEDIATION AND OTHER WASTE MANAGEMENT SERVICES                      | 107            |
| 8            | 4869  | OTHER PIPELINE TRANSPORTATION  | 86             |
| 9            | 5621  | WASTE COLLECTION   | 49             |
| 10           | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING | 31             |
| <b>Total</b> |       |  | <b>3,539</b>   |

## IDAHO

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 3

9 Quantity of RCRA Hazardous Waste Managed: 114,597 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                   | City       | Tons of Waste Managed |
|-------|--------------|-----------------------------|------------|-----------------------|
| 1     | IDD073114654 | US ECOLOGY IDAHO INC SITE B | GRAND VIEW | 112,850               |
| 2     | ID4890008952 | US DOE INL LAB              | SCOVILLE   | 1,747                 |
| 3     | IDR000204131 | TRANSFORM MANUFACTURING LLC | BOISE      | 0                     |
| Total |              |                             |            | 114,597               |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.  
Facilities reporting storage only and their quantity managed are excluded.

## IDAHO

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 112,850                    | 98.5                      | 1                       | 33.3                        |
| OTHER TREATMENT              | 1,435                      | 1.3                       | 2                       | 66.7                        |
| SLUDGE TREATMENT             | 312                        | 0.3                       | 1                       | 33.3                        |
| STABILIZATION                | 0                          | 0.0                       | 1                       | 33.3                        |
|                              | 114,597                    | 100.0                     | 3                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 112,850                    | 98.5                      | 1                       | 33.3                        |
| OTHER TREATMENT              | 1,435                      | 1.3                       | 2                       | 66.7                        |
| SLUDGE TREATMENT             | 312                        | 0.3                       | 1                       | 33.3                        |
| STABILIZATION                | 0                          | 0.0                       | 1                       | 33.3                        |
|                              | 114,597                    | 100.0                     | 3                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT              | 1,435                      | 1.3                       | 2                       | 66.7                        |
| STABILIZATION                | 0                          | 0.0                       | 1                       | 33.3                        |
| SLUDGE TREATMENT             | 312                        | 0.3                       | 1                       | 33.3                        |
| LANDFILL/SURFACE IMPOUNDMENT | 112,850                    | 98.5                      | 1                       | 33.3                        |
|                              | 114,597                    | 100.0                     | 3                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D002, D008, D007, D006, D011, D001, D009, D005, D004, D010

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## IDAHO

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 39

16 Quantity of RCRA Hazardous Waste Shipped: 6,353

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                  | City              | Quantity Shipped<br>(Tons) |
|-------|--------------|--|-------------------|----------------------------|
| 1     | ID4890008952 | US DOE INL LAB                             | SCOVILLE          | 4,003                      |
| 2     | IDD009066481 | ATK AMMUNITION ACCESSORIES INC CCI         | LEWISTON          | 649                        |
| 3     | IDD093120871 | MICRON TECHNOLOGY INC                      | BOISE             | 352                        |
| 4     | IDD981770498 | SAFETY-KLEEN SYSTEMS INC NB                | BOISE             | 179                        |
| 5     | IDR000204131 | TRANSFORM MANUFACTURING LLC                | BOISE             | 176                        |
| 6     | IDD070929518 | FMC IDAHO LLC                              | POCATELLO         | 127                        |
| 7     | IDR000202077 | BUCK KNIVES INC                            | POST FALLS        | 116                        |
| 8     | IDR000000406 | US ECOLOGY IDAHO INC RTF                   | MAYFIELD          | 107                        |
| 9     | IDD984669424 | ATK AMMUNITION ACCESSORIES INC SOUTHPORT   | LEWISTON          | 94                         |
| 10    | IDR000204867 | CHEVRON PIPELINE CO CROWS NEST RD SPILL SI | HAGERMAN          | 86                         |
| 11    | ID0000309583 | MICRON TECHNOLOGY FAB 9D                   | NAMPA             | 75                         |
| 12    | IDD053798104 | ON SEMICONDUCTOR                           | POCATELLO         | 72                         |
| 13    | IDD081830994 | P4 PRODUCTION LLC                          | SODA SPRINGS      | 55                         |
| 14    | IDD009424862 | HECLA LTD MINING CO LUCKY FRIDAY UNIT      | MULLAN            | 29                         |
| 15    | IDD984666669 | ATK AMMUNITION ACCESSORIES INC SPEER       | LEWISTON          | 26                         |
| 16    | IDD990727471 | HEWLETT PACKARD CO                         | BOISE             | 26                         |
| 17    | IDD000466888 | NU WEST INDUSTRIES INC DBA AGRIUM          | SODA SPRINGS      | 23                         |
| 18    | IDR000204727 | ID TRANS DEPT PAYETTE RIVER BRIDGE         | PAYETTE           | 18                         |
| 19    | IDD984670067 | UNIVAR USA INC N MILWAUKEE                 | BOISE             | 17                         |
| 20    | IDD075746271 | ID UI MOSCOW                               | MOSCOW            | 15                         |
| 21    | IDD980976831 | WABTEC MOTIVEPOWER                         | BOISE             | 15                         |
| 22    | IDR000202242 | AMERICAN ANALYTICAL SERVICES               | OSBURN            | 14                         |
| 23    | IDR000204453 | WILLIAM RILEY PROPERTY                     | CHALLIS           | 14                         |
| 24    | IDD980978183 | ID ISU                                     | POCATELLO         | 13                         |
| 25    | IDR000203364 | TREASURE VALLEY CHROME PLATING             | FRUITLAND         | 9                          |
| 26    | ID3572124557 | US DOD AF MOUNTAIN HOME AFB                | MOUNTAIN HOME AFB | 7                          |
| 27    | IDD009073511 | J R SIMPLOT CO DON PLANT SOUTH             | POCATELLO         | 6                          |
| 28    | IDD063334122 | WOODGRAIN MILLWORK INC FRUITLAND           | FRUITLAND         | 6                          |
| 29    | IDR000204610 | ID TRANS DEPT ROAD RUNNER READY MIX        | GARDEN VALLEY     | 5                          |
| 30    | ID8360010245 | US VA MEDICAL CENTER                       | BOISE             | 4                          |
| 31    | IDD981767486 | MICRO 100 TOOL CORP                        | MERIDIAN          | 4                          |
| 32    | IDR000001099 | FRAZIER INDUSTRIAL CO POC                  | POCATELLO         | 3                          |
| 33    | ID6210890061 | US ARMY COE LUCKY PEAK DAM                 | BOISE             | 3                          |
| 34    | IDD981766371 | WINFIELD SOLUTIONS LLC                     | POCATELLO         | 2                          |
| 35    | IDD984667543 | NORTHWEST PIPELINE LEWISTON METER STATION  | LEWISTON          | 1                          |
| 36    | IDR000204529 | MAI GENESIS                                | PARMA             | 1                          |
| 37    | IDR000204511 | 1 4 GROUP INC                              | MERIDIAN          | 1                          |
| 38    | IDR000202473 | TARGET STORE 0699                          | TWIN FALLS        | 1                          |
| 39    | IDR000204016 | US DOD IDAHO ARMY NATIONAL GUARD           | BOISE             | 0                          |
| Total |              |  |                   | 6,353                      |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

IDAHO

2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 3

19 Quantity of RCRA Hazardous Waste Received: 112,238 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank  | EPA ID       | Site Name                   | City       | Quantity Received<br>(Tons) |
|-------|--------------|-----------------------------|------------|-----------------------------|
| 1     | IDD073114654 | US ECOLOGY IDAHO INC SITE B | GRAND VIEW | 112,054                     |
| 2     | IDD981770498 | SAFETY-KLEEN SYSTEMS INC NB | BOISE      | 124                         |
| 3     | ID4890008952 | US DOE INL LAB              | SCOVILLE   | 60                          |
| Total |              |                             |            | 112,238                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## IDAHO

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 112,054                    | 99.8                      | 1                       | 33.3                        |
| STABILIZATION                | 0                          | 0.0                       | 1                       | 33.3                        |
| STORAGE AND/OR TRANSFER      | 184                        | 0.2                       | 2                       | 66.7                        |
|                              | 112,238                    | 100.0                     | 3                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 112,054                    | 99.8                      | 1                       | 33.3                        |
| STORAGE AND/OR TRANSFER      | 184                        | 0.2                       | 2                       | 66.7                        |
| STABILIZATION                | 0                          | 0.0                       | 1                       | 33.3                        |
|                              | 112,238                    | 100.0                     | 3                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 184                        | 0.2                       | 2                       | 66.7                        |
| STABILIZATION                | 0                          | 0.0                       | 1                       | 33.3                        |
| LANDFILL/SURFACE IMPOUNDMENT | 112,054                    | 99.8                      | 1                       | 33.3                        |
|                              | 112,238                    | 100.0                     | 3                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**IDAHO**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 5,302 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 111,050 Tons

**26 Idaho Interstate Shipment / Receipts (As reported by Idaho):**

The State to which Idaho shipped the largest quantity of waste was New Mexico (3,063 tons).

The State that shipped the largest quantity of waste to Idaho was Oregon (55,417 tons).

## ILLINOIS

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 871

2 Quantity of RCRA Hazardous Waste Generated: 675,534 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                      | City            | Total Generated<br>(Tons) |
|--------------|--------------|--------------------------------|-----------------|---------------------------|
| 1            | ILD042075333 | CABOT CORP                     | TUSCOLA         | 439,082                   |
| 2            | ILD000805812 | PEORIA DISPOSAL CO INC         | PEORIA          | 36,474                    |
| 3            | ILD980613913 | SAFETY KLEEN SYSTEMS INC       | DOLTON          | 17,510                    |
| 4            | ILD980823835 | IMTT ILLINOIS LEMONT TERMINAL  | LEMONT          | 11,745                    |
| 5            | ILD000714881 | KEYSTONE STEEL & WIRE CO       | PEORIA          | 11,744                    |
| 6            | ILR000115675 | STERLING STEEL CO LLC          | STERLING        | 10,156                    |
| 7            | ILD098642424 | VEOLIA ES TECHNICAL SOLUTIONS  | SAUGET          | 9,403                     |
| 8            | ILD980996862 | NUCOR STEEL KANKAKEE INC       | BOURBONNAIS     | 8,448                     |
| 9            | ILD064403199 | EXXONMOBIL OIL CORP            | CHANNAHON       | 7,334                     |
| 10           | ILD054236443 | 3M CORDOVA                     | CORDOVA         | 6,902                     |
| 11           | ILD005476882 | MARATHON PETROLEUM CO LP       | ROBINSON        | 6,514                     |
| 12           | ILD006280606 | ALTON STEEL INC                | ALTON           | 5,452                     |
| 13           | ILD074411745 | LARAWAY RECYCLING & DISP FAC   | ELWOOD          | 5,205                     |
| 14           | ILD020952362 | ARCELORMITTAL RIVERDALE INC    | RIVERDALE       | 4,904                     |
| 15           | ILD981093180 | BLUE ISLAND PHENOL LLC         | ALSIP           | 3,851                     |
| 16           | ILR000164483 | BP PIPELINES                   | LEESVILLE       | 2,520                     |
| 17           | ILD000805911 | SAFETY-KLEEN SYSTEMS INC       | ELGIN           | 1,909                     |
| 18           | ILD981192552 | MUELLER CO                     | DECATUR         | 1,675                     |
| 19           | ILD057863847 | ALLIED TUBE & CONDUIT CORP     | HARVEY          | 1,629                     |
| 20           | ILD064385701 | ECOLAB INC                     | JOLIET          | 1,609                     |
| 21           | ILD005229448 | NB COATINGS INC                | LANSING         | 1,602                     |
| 22           | ILR000164780 | WEST SHORE PIPELINE CO         | LOCKPORT        | 1,546                     |
| 23           | ILD005100789 | SEYMOUR OF SYCAMORE INC        | SYCAMORE        | 1,378                     |
| 24           | ILD005070495 | EMCO CHEMICAL DISTRIBUTORS     | NORTH CHICAGO   | 1,228                     |
| 25           | ILD005450697 | CLEAN HARBORS RSC LLC          | CHICAGO         | 1,228                     |
| 26           | ILD980503106 | BP PRODUCTS NORTH AMERICA INC  | WOOD RIVER      | 1,195                     |
| 27           | ILR000167478 | RS USED OIL SERVICES           | MCCOOK          | 1,156                     |
| 28           | ILD005072517 | AMERICAN NICKELOID CO          | PERU            | 1,153                     |
| 29           | ILD000666206 | ENVIRITE OF ILLINOIS INC       | HARVEY          | 1,137                     |
| 30           | ILD005078126 | EQUISTAR CHEMICALS LP          | TUSCOLA         | 1,129                     |
| 31           | ILD006271696 | OLIN CORP                      | EAST ALTON      | 1,103                     |
| 32           | ILD005141726 | KIK CUSTOM PRODUCTS INC        | DANVILLE        | 1,061                     |
| 33           | ILD984817593 | AZZ GALVANIZING-JOLIET         | JOLIET          | 1,033                     |
| 34           | ILD005121439 | SIPI METALS CORP               | CHICAGO         | 922                       |
| 35           | ILD043369446 | ASHLAND PERFORMANCE MATERIALS  | CALUMET CITY    | 884                       |
| 36           | ILD000608471 | CLEAN HARBORS SVCS INC         | CHICAGO         | 884                       |
| 37           | ILD980700728 | ZION SITE 1 PHASE B LANDFILL   | ZION            | 875                       |
| 38           | ILR000121665 | GRANITE CITY WORKS US STEEL    | GRANITE CITY    | 871                       |
| 39           | ILD010284248 | CID RECYCLING & DISPOSAL FAC   | CALUMET CITY    | 853                       |
| 40           | ILD005161476 | KINDER MORGAN LIQUIDS TERMINAL | BEDFORD PARK    | 839                       |
| 41           | ILD005068895 | S&C ELECTRIC CO                | CHICAGO         | 824                       |
| 42           | ILD005083316 | PCCR USA INC                   | CARPENTERSVILLE | 812                       |
| 43           | ILD000608992 | MOMENTIVE SPECIALTY CHEMICALS  | BEDFORD PARK    | 793                       |
| 44           | ILD060364882 | FORD MOTOR CO ASSEMBLY PLANT   | CHICAGO         | 789                       |
| 45           | ILD981961121 | NASCOTE INDUSTRIES             | NASHVILLE       | 788                       |
| 46           | ILD981000995 | RHODIA INC                     | UNIVERSITY PARK | 736                       |
| 47           | ILR000077115 | WOOD RIVER REFINERY            | ROXANA          | 726                       |
| 48           | ILD005164611 | KOPPERS INC                    | CICERO          | 719                       |
| 49           | ILR000061853 | GUARDIAN WEST                  | URBANA          | 717                       |
| 50           | ILD005121033 | SLOAN VALVE CO                 | FRANKLIN PARK   | 692                       |
| <b>Total</b> |              |                                |                 | <b>623,739</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## ILLINOIS

## 2011 WASTE GENERATION, CONTINUED

**4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes**

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 9,753                   | ONLY AN F CODE                | 58,760                  |  |                         |
| ONLY CORROSIVE                        | 7,216                   | ONLY A K CODE                 | 46,624                  |  |                         |
| ONLY REACTIVE                         | 127                     | ONLY A P CODE                 | 9,653                   |  |                         |
| ONLY D004-17                          | 29,489                  | ONLY A U CODE                 | 2,893                   |  |                         |
| ONLY D018-43                          | 3,514                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 21,786                  | HAS MORE THAN ONE LISTED CODE | 88                      |  |                         |
| <b>TOTAL</b>                          | <b>71,885</b>           | <b>TOTAL</b>                  | <b>118,018</b>          | <b>Both Characteristic and Listed</b>          | <b>485,355</b>          |

**5 Quantities of Waste Generated in 2011 That Were Multiply Coded**

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 10,897                  |   |                         | IGN. W/ AT LEAST 1 LSTD              | 40,625                  |
| HAS CORROSIVE CODE  | 13,279                  |   |                         | CORR. W/ AT LEAST 1 LSTD             | 441,226                 |
| HAS REACTIVE CODE   | 1,165                   |   |                         | REACT. W/ AT LEAST 1 LSTD            | 462                     |
| HAS D004-D017 CODE  | 15,362                  |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 5,276                   |
| HAS D018-D043 CODE  | 9,654                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 14,820                  |
|   |                         | HAS AN F CODE                           | 76                      | F WASTE W/ AT LEAST 1 CHAR           | 483,950                 |
|   |                         | HAS A K CODE                            | 69                      | K WASTE W/ AT LEAST 1 CHAR           | 1,146                   |
|   |                         | HAS A P CODE                            | 3                       | P WASTE W/ AT LEAST 1 CHAR           | 83                      |
|   |                         | HAS A U CODE                            | 29                      | U WASTE W/ AT LEAST 1 CHAR           | 2,278                   |
| <b>TOTAL</b>  | <b>21,786</b>           | <b>TOTAL</b>                            | <b>88</b>               | <b>TOTAL</b>                         | <b>485,355</b>          |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

**6 Top Ten Wastes Generated\*: D001, D002, D007, F003, D008, D035, F005, D018, D005, D009**

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

**7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code**

| Rank         | NAICS | Description   | Tons Generated |
|--------------|-------|---|----------------|
| 1            | 3251  | BASIC CHEMICAL MANUFACTURING                                  | 446,857        |
| 2            | 5622  | WASTE TREATMENT AND DISPOSAL                                  | 56,207         |
| 3            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING             | 41,849         |
| 4            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                     | 36,004         |
| 5            | 4931  | WAREHOUSING AND STORAGE                                       | 14,016         |
| 6            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES      | 13,625         |
| 7            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING          | 11,212         |
| 8            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                    | 8,209          |
| 9            | 4869  | OTHER PIPELINE TRANSPORTATION                                 | 4,298          |
| 10           | 3256  | SOAP, CLEANING COMPOUND, AND TOILET PREPARATION MANUFACTURING | 3,301          |
| <b>Total</b> |       |   | <b>635,577</b> |

## ILLINOIS

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 21

9 Quantity of RCRA Hazardous Waste Managed: 870,361 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                      | City          | Tons of Waste Managed |
|--------------|--------------|--------------------------------|---------------|-----------------------|
| 1            | ILD042075333 | CABOT CORP                     | TUSCOLA       | 439,036               |
| 2            | ILD040891368 | HORSEHEAD CORP                 | CHICAGO       | 122,989               |
| 3            | ILD000666206 | ENVIRITE OF ILLINOIS INC       | HARVEY        | 92,157                |
| 4            | ILD000805812 | PEORIA DISPOSAL CO INC         | PEORIA        | 86,351                |
| 5            | ILD984828558 | WOOD RIVER WWTP                | WOOD RIVER    | 49,822                |
| 6            | ILD980613913 | SAFETY KLEEN SYSTEMS INC       | DOLTON        | 47,671                |
| 7            | ILD098642424 | VEOLIA ES TECHNICAL SOLUTIONS  | SAUGET        | 11,212                |
| 8            | ILD010284248 | CID RECYCLING & DISPOSAL FAC   | CALUMET CITY  | 7,038                 |
| 9            | ILD064418353 | BEAVER OIL CO INC              | HODGKINS      | 6,575                 |
| 10           | ILD005450697 | CLEAN HARBORS RSC LLC          | CHICAGO       | 4,384                 |
| 11           | ILD064385701 | ECOLAB INC                     | JOLIET        | 1,203                 |
| 12           | ILD005072517 | AMERICAN NICKELOID CO          | PERU          | 1,146                 |
| 13           | ILD005121439 | SIPI METALS CORP               | CHICAGO       | 311                   |
| 14           | ILD005087630 | SIMS RECYCLING SOLUTIONS INC   | FRANKLIN PARK | 210                   |
| 15           | ILD005070719 | CATERPILLAR INC                | DECATUR       | 94                    |
| 16           | ILD005070651 | CATERPILLAR INC                | AURORA        | 79                    |
| 17           | ILD000802801 | GENERAL DYNAMICS OTS TEST RANG | MARION        | 31                    |
| 18           | ILD054332598 | INX INTERNATIONAL INK CO       | CHICAGO       | 24                    |
| 19           | ILD000608471 | CLEAN HARBORS SVCS INC         | CHICAGO       | 24                    |
| 20           | ILD005161476 | KINDER MORGAN LIQUIDS TERMINAL | BEDFORD PARK  | 6                     |
| 21           | ILD052673027 | PLYMOUTH TUBE CO               | STREATOR      | 0                     |
| <b>Total</b> |              |                                |               | <b>870,361</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## ILLINOIS

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT       | 57,235                     | 6.6                       | 6                       | 28.6                        |
| AQUEOUS ORGANIC TREATMENT         | 49,929                     | 5.7                       | 2                       | 9.5                         |
| DEEPWELL OR UNDERGROUND INJECTION | 439,036                    | 50.4                      | 1                       | 4.8                         |
| ENERGY RECOVERY                   | 17                         | 0.0                       | 1                       | 4.8                         |
| FUEL BLENDING                     | 20,968                     | 2.4                       | 2                       | 9.5                         |
| INCINERATION                      | 11,255                     | 1.3                       | 4                       | 19.0                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 828                        | 0.1                       | 1                       | 4.8                         |
| METALS RECOVERY                   | 124,989                    | 14.4                      | 5                       | 23.8                        |
| OTHER DISPOSAL                    | 8,865                      | 1.0                       | 3                       | 14.3                        |
| OTHER RECOVERY                    | 51                         | 0.0                       | 3                       | 14.3                        |
| OTHER TREATMENT                   | 1,229                      | 0.1                       | 4                       | 19.0                        |
| SLUDGE TREATMENT                  | 0                          | 0.0                       | 1                       | 4.8                         |
| SOLVENTS RECOVERY                 | 35,109                     | 4.0                       | 5                       | 23.8                        |
| STABILIZATION                     | 120,852                    | 13.9                      | 2                       | 9.5                         |
|                                   | 870,361                    | 100.0                     | 21                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| DEEPWELL OR UNDERGROUND INJECTION | 439,036                    | 50.4                      | 1                       | 4.8                         |
| METALS RECOVERY                   | 124,989                    | 14.4                      | 5                       | 23.8                        |
| STABILIZATION                     | 120,852                    | 13.9                      | 2                       | 9.5                         |
| AQUEOUS INORGANIC TREATMENT       | 57,235                     | 6.6                       | 6                       | 28.6                        |
| AQUEOUS ORGANIC TREATMENT         | 49,929                     | 5.7                       | 2                       | 9.5                         |
| SOLVENTS RECOVERY                 | 35,109                     | 4.0                       | 5                       | 23.8                        |
| FUEL BLENDING                     | 20,968                     | 2.4                       | 2                       | 9.5                         |
| INCINERATION                      | 11,255                     | 1.3                       | 4                       | 19.0                        |
| OTHER DISPOSAL                    | 8,865                      | 1.0                       | 3                       | 14.3                        |
| OTHER TREATMENT                   | 1,229                      | 0.1                       | 4                       | 19.0                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 828                        | 0.1                       | 1                       | 4.8                         |
| OTHER RECOVERY                    | 51                         | 0.0                       | 3                       | 14.3                        |
| ENERGY RECOVERY                   | 17                         | 0.0                       | 1                       | 4.8                         |
| SLUDGE TREATMENT                  | 0                          | 0.0                       | 1                       | 4.8                         |
|                                   | 870,361                    | 100.0                     | 21                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT       | 57,235                     | 6.6                       | 6                       | 28.6                        |
| SOLVENTS RECOVERY                 | 35,109                     | 4.0                       | 5                       | 23.8                        |
| METALS RECOVERY                   | 124,989                    | 14.4                      | 5                       | 23.8                        |
| OTHER TREATMENT                   | 1,229                      | 0.1                       | 4                       | 19.0                        |
| INCINERATION                      | 11,255                     | 1.3                       | 4                       | 19.0                        |
| OTHER RECOVERY                    | 51                         | 0.0                       | 3                       | 14.3                        |
| OTHER DISPOSAL                    | 8,865                      | 1.0                       | 3                       | 14.3                        |
| AQUEOUS ORGANIC TREATMENT         | 49,929                     | 5.7                       | 2                       | 9.5                         |
| FUEL BLENDING                     | 20,968                     | 2.4                       | 2                       | 9.5                         |
| STABILIZATION                     | 120,852                    | 13.9                      | 2                       | 9.5                         |
| ENERGY RECOVERY                   | 17                         | 0.0                       | 1                       | 4.8                         |
| DEEPWELL OR UNDERGROUND INJECTION | 439,036                    | 50.4                      | 1                       | 4.8                         |
| LANDFILL/SURFACE IMPOUNDMENT      | 828                        | 0.1                       | 1                       | 4.8                         |
| SLUDGE TREATMENT                  | 0                          | 0.0                       | 1                       | 4.8                         |
|                                   | 870,361                    | 100.0                     | 21                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, F005, D018, D035, D039, D008, D005, D006, D007

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## ILLINOIS

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 870

16 Quantity of RCRA Hazardous Waste Shipped: 205,010

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                      | City            | Quantity Shipped<br>(Tons) |
|--------------|--------------|--------------------------------|-----------------|----------------------------|
| 1            | ILD980613913 | SAFETY KLEEN SYSTEMS INC       | DOLTON          | 20,227                     |
| 2            | ILD980823835 | IMTT ILLINOIS LEMONT TERMINAL  | LEMONT          | 11,745                     |
| 3            | ILD000714881 | KEYSTONE STEEL & WIRE CO       | PEORIA          | 11,744                     |
| 4            | ILR000115675 | STERLING STEEL CO LLC          | STERLING        | 10,156                     |
| 5            | ILD098642424 | VEOLIA ES TECHNICAL SOLUTIONS  | SAUGET          | 9,944                      |
| 6            | ILD980996862 | NUCOR STEEL KANKAKEE INC       | BOURBONNAIS     | 8,448                      |
| 7            | ILD064403199 | EXXONMOBIL OIL CORP            | CHANNAHON       | 7,334                      |
| 8            | ILD054236443 | 3M CORDOVA                     | CORDOVA         | 6,902                      |
| 9            | ILD005476882 | MARATHON PETROLEUM CO LP       | ROBINSON        | 6,514                      |
| 10           | ILD006280606 | ALTON STEEL INC                | ALTON           | 5,446                      |
| 11           | ILD074411745 | LARAWAY RECYCLING & DISP FAC   | ELWOOD          | 5,205                      |
| 12           | ILD000608471 | CLEAN HARBORS SVCS INC         | CHICAGO         | 4,928                      |
| 13           | ILD020952362 | ARCELORMITTAL RIVERDALE INC    | RIVERDALE       | 4,904                      |
| 14           | ILD981093180 | BLUE ISLAND PHENOL LLC         | ALSIP           | 3,851                      |
| 15           | ILR000164483 | BP PIPELINES                   | LEESVILLE       | 2,520                      |
| 16           | ILD000805911 | SAFETY-KLEEN SYSTEMS INC       | ELGIN           | 2,473                      |
| 17           | ILD000666206 | ENVIRITE OF ILLINOIS INC       | HARVEY          | 1,703                      |
| 18           | ILD057863847 | ALLIED TUBE & CONDUIT CORP     | HARVEY          | 1,695                      |
| 19           | ILD981192552 | MUELLER CO                     | DECATUR         | 1,675                      |
| 20           | ILD005229448 | NB COATINGS INC                | LANSING         | 1,602                      |
| 21           | ILR000164780 | WEST SHORE PIPELINE CO         | LOCKPORT        | 1,546                      |
| 22           | ILD005100789 | SEYMOUR OF SYCAMORE INC        | SYCAMORE        | 1,378                      |
| 23           | ILD005450697 | CLEAN HARBORS RSC LLC          | CHICAGO         | 1,245                      |
| 24           | ILD005070495 | EMCO CHEMICAL DISTRIBUTORS     | NORTH CHICAGO   | 1,228                      |
| 25           | ILD980503106 | BP PRODUCTS NORTH AMERICA INC  | WOOD RIVER      | 1,195                      |
| 26           | ILR000167478 | RS USED OIL SERVICES           | MCCOOK          | 1,156                      |
| 27           | ILD005078126 | EQUISTAR CHEMICALS LP          | TUSCOLA         | 1,128                      |
| 28           | ILD006271696 | OLIN CORP                      | EAST ALTON      | 1,103                      |
| 29           | ILD005121439 | SIPI METALS CORP               | CHICAGO         | 1,068                      |
| 30           | ILD005141726 | KIK CUSTOM PRODUCTS INC        | DANVILLE        | 1,061                      |
| 31           | ILD984817593 | AZZ GALVANIZING-JOLIET         | JOLIET          | 1,033                      |
| 32           | ILD043369446 | ASHLAND PERFORMANCE MATERIALS  | CALUMET CITY    | 884                        |
| 33           | ILD980700728 | ZION SITE 1 PHASE B LANDFILL   | ZION            | 875                        |
| 34           | ILR000121665 | GRANITE CITY WORKS US STEEL    | GRANITE CITY    | 871                        |
| 35           | ILD005161476 | KINDER MORGAN LIQUIDS TERMINAL | BEDFORD PARK    | 838                        |
| 36           | ILD005068895 | S&C ELECTRIC CO                | CHICAGO         | 824                        |
| 37           | ILD005083316 | PCCR USA INC                   | CARPENTERSVILLE | 812                        |
| 38           | ILD000608992 | MOMENTIVE SPECIALTY CHEMICALS  | BEDFORD PARK    | 793                        |
| 39           | ILD060364882 | FORD MOTOR CO ASSEMBLY PLANT   | CHICAGO         | 789                        |
| 40           | ILD981961121 | NASCOTE INDUSTRIES             | NASHVILLE       | 788                        |
| 41           | ILD981000995 | RHODIA INC                     | UNIVERSITY PARK | 736                        |
| 42           | ILR000077115 | WOOD RIVER REFINERY            | ROXANA          | 726                        |
| 43           | ILD005164611 | KOPPERS INC                    | CICERO          | 719                        |
| 44           | ILR000061853 | GUARDIAN WEST                  | URBANA          | 717                        |
| 45           | ILD005121033 | SLOAN VALVE CO                 | FRANKLIN PARK   | 692                        |
| 46           | ILD005172325 | MODERN PLATING CORP            | FREEPORT        | 687                        |
| 47           | ILR000080952 | AUX SABLE LIQUID PRODUCTS      | MORRIS          | 683                        |
| 48           | ILD984782169 | MEGA CIRCUITS INC              | ADDISON         | 658                        |
| 49           | IL5210021833 | ROCK ISLAND ARSENAL            | ROCK ISLAND     | 653                        |
| 50           | ILD048296180 | EQUISTAR CHEMICALS LP          | MORRIS          | 604                        |
| <b>Total</b> |              |                                |                 | <b>156,508</b>             |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## ILLINOIS

## 2011 WASTE RECEIPTS

**18 Number of RCRA Hazardous Waste Receivers: 18****19 Quantity of RCRA Hazardous Waste Received: 379,907 Tons****20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011**

| Rank         | EPA ID       | Site Name                      | City          | Quantity Received<br>(Tons) |
|--------------|--------------|--------------------------------|---------------|-----------------------------|
| 1            | ILD040891368 | HORSEHEAD CORP                 | CHICAGO       | 122,989                     |
| 2            | ILD000666206 | ENVIRITE OF ILLINOIS INC       | HARVEY        | 92,868                      |
| 3            | ILD984828558 | WOOD RIVER WWTP                | WOOD RIVER    | 49,822                      |
| 4            | ILD000805812 | PEORIA DISPOSAL CO INC         | PEORIA        | 43,652                      |
| 5            | ILD980613913 | SAFETY KLEEN SYSTEMS INC       | DOLTON        | 34,614                      |
| 6            | ILD098642424 | VEOLIA ES TECHNICAL SOLUTIONS  | SAUGET        | 11,631                      |
| 7            | ILD010284248 | CID RECYCLING & DISPOSAL FAC   | CALUMET CITY  | 7,038                       |
| 8            | ILD064418353 | BEAVER OIL CO INC              | HODGKINS      | 6,575                       |
| 9            | ILD000608471 | CLEAN HARBORS SVCS INC         | CHICAGO       | 5,045                       |
| 10           | ILD005450697 | CLEAN HARBORS RSC LLC          | CHICAGO       | 4,422                       |
| 11           | ILD000805911 | SAFETY-KLEEN SYSTEMS INC       | ELGIN         | 513                         |
| 12           | ILD005121439 | SIPI METALS CORP               | CHICAGO       | 311                         |
| 13           | ILD005087630 | SIMS RECYCLING SOLUTIONS INC   | FRANKLIN PARK | 210                         |
| 14           | ILD981088388 | SAFETY-KLEEN SYSTEMS INC       | URBANA        | 127                         |
| 15           | ILD074424938 | DETREX CORP SOLVENT & ENV SVC  | MELROSE PARK  | 60                          |
| 16           | ILD000802801 | GENERAL DYNAMICS OTS TEST RANG | MARION        | 31                          |
| 17           | ILD981097819 | SAFETY-KLEEN SYSTEMS INC       | CASEYVILLE    | 0                           |
| 18           | ILD980502744 | CLEAN HARBORS PECATONICA LLC   | PECATONICA    | 0                           |
| <b>Total</b> |              |                                |               | <b>379,907</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## ILLINOIS

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 13,951                     | 3.7                       | 4                       | 22.2                        |
| AQUEOUS ORGANIC TREATMENT    | 49,929                     | 13.1                      | 2                       | 11.1                        |
| ENERGY RECOVERY              | 17                         | 0.0                       | 1                       | 5.6                         |
| FUEL BLENDING                | 16,868                     | 4.4                       | 2                       | 11.1                        |
| INCINERATION                 | 11,250                     | 3.0                       | 3                       | 16.7                        |
| LANDFILL/SURFACE IMPOUNDMENT | 292                        | 0.1                       | 1                       | 5.6                         |
| METALS RECOVERY              | 124,989                    | 32.9                      | 5                       | 27.8                        |
| OTHER DISPOSAL               | 8,865                      | 2.3                       | 3                       | 16.7                        |
| OTHER RECOVERY               | 50                         | 0.0                       | 2                       | 11.1                        |
| OTHER TREATMENT              | 1                          | 0.0                       | 1                       | 5.6                         |
| SLUDGE TREATMENT             | 0                          | 0.0                       | 1                       | 5.6                         |
| SOLVENTS RECOVERY            | 21,501                     | 5.7                       | 2                       | 11.1                        |
| STABILIZATION                | 120,852                    | 31.8                      | 2                       | 11.1                        |
| STORAGE AND/OR TRANSFER      | 11,343                     | 3.0                       | 10                      | 55.6                        |
|                              | 379,907                    | 100.0                     | 18                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| METALS RECOVERY              | 124,989                    | 32.9                      | 5                       | 27.8                        |
| STABILIZATION                | 120,852                    | 31.8                      | 2                       | 11.1                        |
| AQUEOUS ORGANIC TREATMENT    | 49,929                     | 13.1                      | 2                       | 11.1                        |
| SOLVENTS RECOVERY            | 21,501                     | 5.7                       | 2                       | 11.1                        |
| FUEL BLENDING                | 16,868                     | 4.4                       | 2                       | 11.1                        |
| AQUEOUS INORGANIC TREATMENT  | 13,951                     | 3.7                       | 4                       | 22.2                        |
| STORAGE AND/OR TRANSFER      | 11,343                     | 3.0                       | 10                      | 55.6                        |
| INCINERATION                 | 11,250                     | 3.0                       | 3                       | 16.7                        |
| OTHER DISPOSAL               | 8,865                      | 2.3                       | 3                       | 16.7                        |
| LANDFILL/SURFACE IMPOUNDMENT | 292                        | 0.1                       | 1                       | 5.6                         |
| OTHER RECOVERY               | 50                         | 0.0                       | 2                       | 11.1                        |
| ENERGY RECOVERY              | 17                         | 0.0                       | 1                       | 5.6                         |
| OTHER TREATMENT              | 1                          | 0.0                       | 1                       | 5.6                         |
| SLUDGE TREATMENT             | 0                          | 0.0                       | 1                       | 5.6                         |
|                              | 379,907                    | 100.0                     | 18                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 11,343                     | 3.0                       | 10                      | 55.6                        |
| METALS RECOVERY              | 124,989                    | 32.9                      | 5                       | 27.8                        |
| AQUEOUS INORGANIC TREATMENT  | 13,951                     | 3.7                       | 4                       | 22.2                        |
| OTHER DISPOSAL               | 8,865                      | 2.3                       | 3                       | 16.7                        |
| INCINERATION                 | 11,250                     | 3.0                       | 3                       | 16.7                        |
| STABILIZATION                | 120,852                    | 31.8                      | 2                       | 11.1                        |
| OTHER RECOVERY               | 50                         | 0.0                       | 2                       | 11.1                        |
| SOLVENTS RECOVERY            | 21,501                     | 5.7                       | 2                       | 11.1                        |
| AQUEOUS ORGANIC TREATMENT    | 49,929                     | 13.1                      | 2                       | 11.1                        |
| FUEL BLENDING                | 16,868                     | 4.4                       | 2                       | 11.1                        |
| SLUDGE TREATMENT             | 0                          | 0.0                       | 1                       | 5.6                         |
| OTHER TREATMENT              | 1                          | 0.0                       | 1                       | 5.6                         |
| LANDFILL/SURFACE IMPOUNDMENT | 292                        | 0.1                       | 1                       | 5.6                         |
| ENERGY RECOVERY              | 17                         | 0.0                       | 1                       | 5.6                         |
|                              | 379,907                    | 100.0                     | 18                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## ILLINOIS

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 114,462 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 250,552 Tons

**26 Illinois Interstate Shipment / Receipts (As reported by Illinois):**

The State to which Illinois shipped the largest quantity of waste was Indiana (37,943 tons).

The State that shipped the largest quantity of waste to Illinois was Indiana (76,327 tons).

## INDIANA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 517

2 Quantity of RCRA Hazardous Waste Generated: 888,054 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID        | Site Name                                     | City           | Total Generated<br>(Tons) |
|--------------|---------------|---|----------------|---------------------------|
| 1            | IND003913423  | ARCELORMITTAL BURNS HARBOR, LLC               | BURNS HARBOR   | 427,862                   |
| 2            | IND093219012  | HERITAGE ENVIRONMENTAL SERVICES LLC           | INDIANAPOLIS   | 95,781                    |
| 3            | INR000001099  | STEEL DYNAMICS, INC. - FLAT ROLL DIVISION     | BUTLER         | 53,687                    |
| 4            | IND181157009  | NUCOR STEEL                                   | CRAWFORDSVILLE | 41,856                    |
| 5            | IND006376362  | SABIC INNOVATIVE PLASTICS MT.VERNON LLC       | MOUNT VERNON   | 36,777                    |
| 6            | IND000646943  | TRADEBE TREATMENT & RECYCLING LLC             | EAST CHICAGO   | 29,966                    |
| 7            | IND006050967  | EVONIK DEGUSSA CORPORATION TIPPECANOE LAB     | LAFAYETTE      | 20,081                    |
| 8            | IND000807107  | VERTELLUS AG & NUTRITION SPECIALTIES LLC      | INDIANAPOLIS   | 15,864                    |
| 9            | INR000019364  | STEEL DYNAMICS, INC STRUCTURAL AND RAIL DIVIS | COLUMBIA CITY  | 13,436                    |
| 10           | IND006419212  | GREENCASTLE WDF FACILITY                      | GREENCASTLE    | 11,273                    |
| 11           | INR0000012120 | STEEL DYNAMICS, INC. - ENGINEERED BAR PRODUC  | PITTSBORO      | 11,130                    |
| 12           | IND984904466  | NLMK INDIANA                                  | PORTAGE        | 8,883                     |
| 13           | IND000806935  | ELI LILLY & CO LTC                            | INDIANAPOLIS   | 8,592                     |
| 14           | IND980503890  | HERITAGE ENVIRONMENTAL SERVICES, LLC          | ROACHDALE      | 7,478                     |
| 15           | INR000127258  | INDIANA HARBOR LONG CARBON                    | EAST CHICAGO   | 7,389                     |
| 16           | IND000810861  | BP PRODUCTS NORTH AMERICA INC LAKEFRONT       | WHITING        | 6,381                     |
| 17           | IND006366819  | ALCOA INC WARRICK OPERATIONS                  | NEWBURGH       | 5,422                     |
| 18           | IND000199653  | QUEMETCO, INC.                                | INDIANAPOLIS   | 5,143                     |
| 19           | IN5170023498  | US NAVAL SUPPORT ACTIVITY CRANE DIVISION      | CRAN NAV DPO   | 4,378                     |
| 20           | IND005444062  | U.S. STEEL GARY WORKS                         | GARY           | 4,103                     |
| 21           | IND000780403  | RECLAIMED ENERGY DIV., SUPERIOR OIL CO., INC. | CONNERSVILLE   | 4,052                     |
| 22           | IND005081542  | ESSROC CEMENT CORPORATION                     | LOGANSPO       | 3,897                     |
| 23           | IND074375585  | BP PRODUCTS NORTH AMERICA INC.                | WHITING        | 2,494                     |
| 24           | INR000119925  | SUN POLYMERS INTERNATIONAL                    | MOORESVILLE    | 2,329                     |
| 25           | IND005462601  | ARCELORMITTAL INDIANA HARBOR LLC              | EAST CHICAGO   | 2,056                     |
| 26           | IND000717959  | EXIDE TECHNOLOGIES                            | MUNCIE         | 2,011                     |
| 27           | IND005159199  | ARCELORMITTAL USA LLC                         | EAST CHICAGO   | 1,733                     |
| 28           | IND984972893  | MASTERGUARD CORPORATION                       | VEEDERSBURG    | 1,680                     |
| 29           | IND005146683  | THE FORD METER BOX CO., INC.                  | WABASH         | 1,669                     |
| 30           | IND006036644  | VISHAY NORTH AMERICAN CAPACITOR               | GREENCASTLE    | 1,640                     |
| 31           | IND042080614  | APG, INC. DBA KIK CUSTOM PRODUCTS-INDIANA     | ELKHART        | 1,584                     |
| 32           | IND006413348  | ALLISON TRANSMISSION INC SPEEDWAY MAIN        | INDIANAPOLIS   | 1,568                     |
| 33           | IND007001050  | GUARDIAN AUTOMOTIVE TRIM, INC. DBA SRG GLOB/  | EVANSVILLE     | 1,550                     |
| 34           | INR000006536  | HERITAGE-CRYSTAL CLEAN, LLC                   | INDIANAPOLIS   | 1,428                     |
| 35           | IND000806836  | ROLLS-ROYCE CORPORATION                       | INDIANAPOLIS   | 1,356                     |
| 36           | IND984867598  | U.S. STEEL EAST CHICAGO TIN OPERATIONS        | EAST CHICAGO   | 1,271                     |
| 37           | IND078911146  | ADAMS CENTER LANDFILL                         | FORT WAYNE     | 1,236                     |
| 38           | INR000109017  | U.S. STEEL MIDWEST PLANT                      | PORTAGE        | 895                       |
| 39           | IND072040348  | ELI LILLY & CO. - CLINTON LABORATORIES        | CLINTON        | 893                       |
| 40           | INR000014274  | AZZ GALVANIZING - PLYMOUTH                    | PLYMOUTH       | 883                       |
| 41           | INR000110197  | STERICYCLE, INC.                              | INDIANAPOLIS   | 858                       |
| 42           | IND984894667  | BP PRODUCTS NORTH AMERICA INC. BUFFALO SIDE   | WHITING        | 812                       |
| 43           | IND006034300  | BEMIS COMPANY INC                             | TERRE HAUTE    | 790                       |
| 44           | IND115304594  | FORT WAYNE ASSEMBLY, GENERAL MOTORS LLC       | ROANOKE        | 710                       |
| 45           | IND990873606  | PRECOAT METALS                                | LA PORTE       | 699                       |
| 46           | IND078918000  | ITRCC LLC                                     | GRANGER        | 690                       |
| 47           | INR000010397  | AK STEEL CORP ROCKPORT WORKS                  | ROCKPORT       | 673                       |
| 48           | IND985048081  | MAYS LUETT STREET                             | INDIANAPOLIS   | 611                       |
| 49           | IND984874776  | SAFETY-KLEEN SYSTEMS INC                      | GREENWOOD      | 609                       |
| 50           | IND044908663  | COUNTRYMARK REFINING AND LOGISTICS, LLC       | MOUNT VERNON   | 596                       |
| <b>Total</b> |               |   |                | <b>858,756</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## INDIANA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 33,742                  | ONLY AN F CODE                | 19,465                  |  |                         |
| ONLY CORROSIVE                        | 11,040                  | ONLY A K CODE                 | 172,771                 |  |                         |
| ONLY REACTIVE                         | 59                      | ONLY A P CODE                 | 83                      |  |                         |
| ONLY D004-17                          | 24,656                  | ONLY A U CODE                 | 118                     |  |                         |
| ONLY D018-43                          | 3,407                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 423,935                 | HAS MORE THAN ONE LISTED CODE | 95,146                  |  |                         |
| <b>TOTAL</b>                          | <b>496,839</b>          | <b>TOTAL</b>                  | <b>287,584</b>          | <b>Both Characteristic and Listed</b>          | <b>103,585</b>          |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 21,305                  |   |                         | IGN. W/ AT LEAST 1 LSTD              | 85,070                  |
| HAS CORROSIVE CODE  | 11,593                  |   |                         | CORR. W/ AT LEAST 1 LSTD             | 27,713                  |
| HAS REACTIVE CODE   | 1,509                   |   |                         | REACT. W/ AT LEAST 1 LSTD            | 2,423                   |
| HAS D004-D017 CODE  | 417,631                 |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 22,809                  |
| HAS D018-D043 CODE  | 396,088                 |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 67,510                  |
|   |                         | HAS AN F CODE                           | 95,146                  | F WASTE W/ AT LEAST 1 CHAR           | 69,657                  |
|   |                         | HAS A K CODE                            | 93,892                  | K WASTE W/ AT LEAST 1 CHAR           | 46,361                  |
|   |                         | HAS A P CODE                            | 93,220                  | P WASTE W/ AT LEAST 1 CHAR           | 694                     |
|   |                         | HAS A U CODE                            | 94,473                  | U WASTE W/ AT LEAST 1 CHAR           | 22,654                  |
| <b>TOTAL</b>  | <b>423,935</b>          | <b>TOTAL</b>                            | <b>95,146</b>           | <b>TOTAL</b>                         | <b>103,585</b>          |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, F003, D008, F005, D035, D005, D009, F002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING            | 572,809        |
| 2            | 5622  | WASTE TREATMENT AND DISPOSAL                                 | 139,447        |
| 3            | 3251  | BASIC CHEMICAL MANUFACTURING                                 | 54,197         |
| 4            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                    | 29,804         |
| 5            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                    | 14,226         |
| 6            | 3273  | CEMENT AND CONCRETE PRODUCT MANUFACTURING                    | 11,273         |
| 7            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING | 8,094          |
| 8            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES     | 6,036          |
| 9            | 3313  | ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING               | 5,652          |
| 10           | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                  | 4,381          |
| <b>Total</b> |       |  | <b>845,920</b> |

## INDIANA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 32

9 Quantity of RCRA Hazardous Waste Managed: 1,135,520 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                                     | City                 | Tons of Waste Managed |
|-------|--------------|---|----------------------|-----------------------|
| 1     | IND003913423 | ARCELORMITTAL BURNS HARBOR, LLC               | BURNS HARBOR         | 427,145               |
| 2     | IND093219012 | HERITAGE ENVIRONMENTAL SERVICES LLC           | INDIANAPOLIS         | 205,450               |
| 3     | IND006419212 | GREENCASTLE WDF FACILITY                      | GREENCASTLE          | 133,225               |
| 4     | IND980503890 | HERITAGE ENVIRONMENTAL SERVICES, LLC          | ROACHDALE            | 100,115               |
| 5     | IND006050967 | EVONIK DEGUSSA CORPORATION TIPPECANOE LA      | LAFAYETTE            | 83,357                |
| 6     | IND005081542 | ESSROC CEMENT CORPORATION                     | LOGANSPOUT           | 65,082                |
| 7     | IND006376362 | SABIC INNOVATIVE PLASTICS MT.VERNON LLC       | MOUNT VERNON         | 36,174                |
| 8     | IND000646943 | TRADEBE TREATMENT & RECYCLING LLC             | EAST CHICAGO         | 31,067                |
| 9     | IND041855776 | GK TECHNOLOGIES/INDIANA STEEL & WIRE          | MUNCIE               | 19,613                |
| 10    | IND000807107 | VERTELLUS AG & NUTRITION SPECIALTIES LLC      | INDIANAPOLIS         | 14,600                |
| 11    | IND000780403 | RECLAIMED ENERGY DIV., SUPERIOR OIL CO., INC. | CONNERSVILLE         | 9,403                 |
| 12    | IND000199653 | QUEMETCO, INC.                                | INDIANAPOLIS         | 4,376                 |
| 13    | IN5170023498 | US NAVAL SUPPORT ACTIVITY CRANE DIVISION      | CRAN NAV DPO         | 2,608                 |
| 14    | IND000717959 | EXIDE TECHNOLOGIES                            | MUNCIE               | 1,836                 |
| 15    | IN0000351387 | LIGHTING RESOURCES INC                        | GREENWOOD            | 904                   |
| 16    | INR000017301 | AMERICAN WOODMARK - GAS CITY                  | GAS CITY             | 130                   |
| 17    | INR000023697 | INSITUFORM TECHNOLOGIES INCORPORATED          | INDIANAPOLIS         | 82                    |
| 18    | INR000108308 | BEST METAL FINISHING INC                      | OSGOOD               | 50                    |
| 19    | IND085616837 | PARTS CLEANING TECHNOLOGIES LLC               | INDIANAPOLIS         | 48                    |
| 20    | IND004939229 | INDUSTRIAL DIELECTRICS INC                    | NOBLESVILLE          | 47                    |
| 21    | IND982602617 | THUNDERBIRD PRODUCTS                          | DECATUR              | 33                    |
| 22    | IND000810929 | MBCI-DECORA PLANT                             | JASPER               | 28                    |
| 23    | IND087032207 | OPTICAL DISC SOLUTIONS ODS                    | RICHMOND             | 28                    |
| 24    | INR000104919 | CRANE COMPOSITES INC., GOSHEN NORTH           | GOSHEN               | 24                    |
| 25    | INR000109009 | HAAS CABINET CO                               | SPEED                | 24                    |
| 26    | IND061561775 | ALTEC LLC                                     | JEFFERSONVILLE       | 23                    |
| 27    | IND037585353 | PROEDGE INCORPORATED                          | SHELBY               | 21                    |
| 28    | IND147933212 | MIDDLEBURY HARDWOOD PRODUCTS INC              | MIDDLEBURY           | 17                    |
| 29    | INR000119479 | KOUNTRY WOOD PRODUCTS                         | NAPPANEE             | 5                     |
| 30    | INR000005264 | DANISCO USA INC. (DANISCO SWEETENERS)         | HONEY CREEK TOWNSHIP | 4                     |
| 31    | IND984867267 | SARAN INDUSTRIES, LP                          | SHELBYVILLE          | 3                     |
| 32    | IND072051394 | PURDUE UNIVERSITY                             | WEST LAFAYETTE       | 1                     |
| Total |              |   |                      | 1,135,520             |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## INDIANA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT       | 67,339                     | 5.9                       | 3                       | 9.4                         |
| AQUEOUS ORGANIC TREATMENT         | 54,957                     | 4.8                       | 2                       | 6.3                         |
| DEEPWELL OR UNDERGROUND INJECTION | 427,145                    | 37.6                      | 1                       | 3.1                         |
| ENERGY RECOVERY                   | 238,509                    | 21.0                      | 4                       | 12.5                        |
| FUEL BLENDING                     | 20,882                     | 1.8                       | 3                       | 9.4                         |
| INCINERATION                      | 26,215                     | 2.3                       | 2                       | 6.3                         |
| LANDFILL/SURFACE IMPOUNDMENT      | 100,115                    | 8.8                       | 1                       | 3.1                         |
| METALS RECOVERY                   | 7,175                      | 0.6                       | 4                       | 12.5                        |
| OTHER DISPOSAL                    | 1                          | 0.0                       | 1                       | 3.1                         |
| OTHER RECOVERY                    | 27                         | 0.0                       | 1                       | 3.1                         |
| OTHER TREATMENT                   | 16,082                     | 1.4                       | 9                       | 28.1                        |
| SOLVENTS RECOVERY                 | 24,360                     | 2.1                       | 13                      | 40.6                        |
| STABILIZATION                     | 152,714                    | 13.4                      | 2                       | 6.3                         |
|                                   | 1,135,520                  | 100.0                     | 32                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| DEEPWELL OR UNDERGROUND INJECTION | 427,145                    | 37.6                      | 1                       | 3.1                         |
| ENERGY RECOVERY                   | 238,509                    | 21.0                      | 4                       | 12.5                        |
| STABILIZATION                     | 152,714                    | 13.4                      | 2                       | 6.3                         |
| LANDFILL/SURFACE IMPOUNDMENT      | 100,115                    | 8.8                       | 1                       | 3.1                         |
| AQUEOUS INORGANIC TREATMENT       | 67,339                     | 5.9                       | 3                       | 9.4                         |
| AQUEOUS ORGANIC TREATMENT         | 54,957                     | 4.8                       | 2                       | 6.3                         |
| INCINERATION                      | 26,215                     | 2.3                       | 2                       | 6.3                         |
| SOLVENTS RECOVERY                 | 24,360                     | 2.1                       | 13                      | 40.6                        |
| FUEL BLENDING                     | 20,882                     | 1.8                       | 3                       | 9.4                         |
| OTHER TREATMENT                   | 16,082                     | 1.4                       | 9                       | 28.1                        |
| METALS RECOVERY                   | 7,175                      | 0.6                       | 4                       | 12.5                        |
| OTHER RECOVERY                    | 27                         | 0.0                       | 1                       | 3.1                         |
| OTHER DISPOSAL                    | 1                          | 0.0                       | 1                       | 3.1                         |
|                                   | 1,135,520                  | 100.0                     | 32                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY                 | 24,360                     | 2.1                       | 13                      | 40.6                        |
| OTHER TREATMENT                   | 16,082                     | 1.4                       | 9                       | 28.1                        |
| ENERGY RECOVERY                   | 238,509                    | 21.0                      | 4                       | 12.5                        |
| METALS RECOVERY                   | 7,175                      | 0.6                       | 4                       | 12.5                        |
| AQUEOUS INORGANIC TREATMENT       | 67,339                     | 5.9                       | 3                       | 9.4                         |
| FUEL BLENDING                     | 20,882                     | 1.8                       | 3                       | 9.4                         |
| AQUEOUS ORGANIC TREATMENT         | 54,957                     | 4.8                       | 2                       | 6.3                         |
| STABILIZATION                     | 152,714                    | 13.4                      | 2                       | 6.3                         |
| INCINERATION                      | 26,215                     | 2.3                       | 2                       | 6.3                         |
| DEEPWELL OR UNDERGROUND INJECTION | 427,145                    | 37.6                      | 1                       | 3.1                         |
| LANDFILL/SURFACE IMPOUNDMENT      | 100,115                    | 8.8                       | 1                       | 3.1                         |
| OTHER DISPOSAL                    | 1                          | 0.0                       | 1                       | 3.1                         |
| OTHER RECOVERY                    | 27                         | 0.0                       | 1                       | 3.1                         |
|                                   | 1,135,520                  | 100.0                     | 32                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, F005, D035, D002, D007, F002, D018, D008, D022

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## INDIANA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 515

16 Quantity of RCRA Hazardous Waste Shipped: 389,389

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                     | City             | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|------------------|----------------------------|
| 1            | IND093219012 | HERITAGE ENVIRONMENTAL SERVICES LLC           | INDIANAPOLIS     | 102,055                    |
| 2            | INR000001099 | STEEL DYNAMICS, INC. - FLAT ROLL DIVISION     | BUTLER           | 53,687                     |
| 3            | IND181157009 | NUCOR STEEL                                   | CRAWFORDSVILLE   | 41,856                     |
| 4            | IND000646943 | TRADEBE TREATMENT & RECYCLING LLC             | EAST CHICAGO     | 36,639                     |
| 5            | INR000019364 | STEEL DYNAMICS, INC STRUCTURAL AND RAIL DIV   | COLUMBIA CITY    | 13,436                     |
| 6            | INR000012120 | STEEL DYNAMICS, INC. - ENGINEERED BAR PRODU   | PITTSBORO        | 11,130                     |
| 7            | IND984904466 | NLMK INDIANA                                  | PORTAGE          | 8,883                      |
| 8            | IND000806935 | ELI LILLY & CO LTC                            | INDIANAPOLIS     | 8,592                      |
| 9            | IND980503890 | HERITAGE ENVIRONMENTAL SERVICES, LLC          | ROACHDALE        | 7,478                      |
| 10           | INR000127258 | INDIANA HARBOR LONG CARBON                    | EAST CHICAGO     | 7,389                      |
| 11           | IND000810861 | BP PRODUCTS NORTH AMERICA INC LAKEFRONT       | WHITING          | 6,381                      |
| 12           | IND006366819 | ALCOA INC WARRICK OPERATIONS                  | NEWBURGH         | 5,422                      |
| 13           | IND000199653 | QUEMETCO, INC.                                | INDIANAPOLIS     | 5,032                      |
| 14           | IND000780403 | RECLAIMED ENERGY DIV., SUPERIOR OIL CO., INC. | CONNERSVILLE     | 4,265                      |
| 15           | IND005444062 | U.S. STEEL GARY WORKS                         | GARY             | 4,103                      |
| 16           | IND006419212 | GREENCASTLE WDF FACILITY                      | GREENCASTLE      | 2,736                      |
| 17           | IND074375585 | BP PRODUCTS NORTH AMERICA INC.                | WHITING          | 2,494                      |
| 18           | INR000119925 | SUN POLYMERS INTERNATIONAL                    | MOORESVILLE      | 2,329                      |
| 19           | IN5170023498 | US NAVAL SUPPORT ACTIVITY CRANE DIVISION      | CRAN NAV DPO     | 2,220                      |
| 20           | IND005462601 | ARCELORMITTAL INDIANA HARBOR LLC              | EAST CHICAGO     | 2,056                      |
| 21           | IND000717959 | EXIDE TECHNOLOGIES                            | MUNCIE           | 2,011                      |
| 22           | IND005159199 | ARCELORMITTAL USA LLC                         | EAST CHICAGO     | 1,733                      |
| 23           | IND984972893 | MASTERGUARD CORPORATION                       | VEEDERSBURG      | 1,680                      |
| 24           | IND005146683 | THE FORD METER BOX CO., INC.                  | WABASH           | 1,669                      |
| 25           | IND006036644 | VISHAY NORTH AMERICAN CAPACITOR               | GREENCASTLE      | 1,640                      |
| 26           | IND042080614 | APG, INC.DBA KIK CUSTOM PRODUCTS-INDIANA      | ELKHART          | 1,584                      |
| 27           | IND006413348 | ALLISON TRANSMISSION INC SPEEDWAY MAIN        | INDIANAPOLIS     | 1,568                      |
| 28           | IND007001050 | GUARDIAN AUTOMOTIVE TRIM, INC. DBA SRG GLOE   | EVANSVILLE       | 1,550                      |
| 29           | INR000006536 | HERITAGE-CRYSTAL CLEAN, LLC                   | INDIANAPOLIS     | 1,428                      |
| 30           | IND000806836 | ROLLS-ROYCE CORPORATION                       | INDIANAPOLIS     | 1,356                      |
| 31           | IND005081542 | ESSROC CEMENT CORPORATION                     | LOGANSPOET       | 1,328                      |
| 32           | IND984867598 | U.S. STEEL EAST CHICAGO TIN OPERATIONS        | EAST CHICAGO     | 1,271                      |
| 33           | IND078911146 | ADAMS CENTER LANDFILL                         | FORT WAYNE       | 1,236                      |
| 34           | IND006050967 | EVONIK DEGUSSA CORPORATION TIPPECANOE LA      | LAFAYETTE        | 1,126                      |
| 35           | INR000109017 | U.S. STEEL MIDWEST PLANT                      | PORTAGE          | 895                        |
| 36           | IND072040348 | ELI LILLY & CO. - CLINTON LABORATORIES        | CLINTON          | 893                        |
| 37           | INR000014274 | AZZ GALVANIZING - PLYMOUTH                    | PLYMOUTH         | 883                        |
| 38           | INR000110197 | STERICYCLE, INC.                              | INDIANAPOLIS     | 859                        |
| 39           | IND984894667 | BP PRODUCTS NORTH AMERICA INC. BUFFALO SID    | WHITING          | 812                        |
| 40           | IND006034300 | BEMIS COMPANY INC                             | TERRE HAUTE      | 790                        |
| 41           | IND003913423 | ARCELORMITTAL BURNS HARBOR, LLC               | BURNS HARBOR     | 718                        |
| 42           | IND115304594 | FORT WAYNE ASSEMBLY, GENERAL MOTORS LLC       | ROANOKE          | 710                        |
| 43           | IND990873606 | PRECOAT METALS                                | LA PORTE         | 699                        |
| 44           | IND078918000 | ITRCC LLC                                     | GRANGER          | 690                        |
| 45           | INR000010397 | AK STEEL CORP ROCKPORT WORKS                  | ROCKPORT         | 673                        |
| 46           | IND044908663 | COUNTRYMARK REFINING AND LOGISTICS, LLC       | MOUNT VERNON     | 639                        |
| 47           | IND984874776 | SAFETY-KLEEN SYSTEMS INC                      | GREENWOOD        | 612                        |
| 48           | IND985048081 | MAYS LUETT STREET                             | INDIANAPOLIS     | 611                        |
| 49           | IND006376362 | SABIC INNOVATIVE PLASTICS MT.VERNON LLC       | MOUNT VERNON     | 603                        |
| 50           | IN0000050971 | SG SOLUTIONS LLC                              | WEST TERRE HAUTE | 592                        |
| <b>Total</b> |              |   |                  | <b>361,042</b>             |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## INDIANA

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 13

19 Quantity of RCRA Hazardous Waste Received: 463,055 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                     | City         | Quantity Received<br>(Tons) |
|--------------|--------------|---|--------------|-----------------------------|
| 1            | IND006419212 | GREENCASTLE WDF FACILITY                      | GREENCASTLE  | 121,966                     |
| 2            | IND093219012 | HERITAGE ENVIRONMENTAL SERVICES LLC           | INDIANAPOLIS | 114,054                     |
| 3            | IND980503890 | HERITAGE ENVIRONMENTAL SERVICES, LLC          | ROACHDALE    | 100,115                     |
| 4            | IND005081542 | ESSROC CEMENT CORPORATION                     | LOGANSPOUT   | 61,186                      |
| 5            | IND000646943 | TRADEBE TREATMENT & RECYCLING LLC             | EAST CHICAGO | 38,392                      |
| 6            | IND000780403 | RECLAIMED ENERGY DIV., SUPERIOR OIL CO., INC. | CONNERSVILLE | 9,647                       |
| 7            | IND006050967 | EVONIK DEGUSSA CORPORATION TIPPECANOE LABC    | LAFAYETTE    | 9,486                       |
| 8            | IND000199653 | QUEMETCO, INC.                                | INDIANAPOLIS | 4,257                       |
| 9            | IND000717959 | EXIDE TECHNOLOGIES                            | MUNCIE       | 1,836                       |
| 10           | INR000110197 | STERICYCLE, INC.                              | INDIANAPOLIS | 1,158                       |
| 11           | IN0000351387 | LIGHTING RESOURCES INC                        | GREENWOOD    | 904                         |
| 12           | IND085616837 | PARTS CLEANING TECHNOLOGIES LLC               | INDIANAPOLIS | 48                          |
| 13           | IN5170023498 | US NAVAL SUPPORT ACTIVITY CRANE DIVISION      | CRAN NAV DPO | 6                           |
| <b>Total</b> |              |   |              | <b>463,055</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## INDIANA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 47,702                     | 10.3                      | 1                       | 7.7                         |
| AQUEOUS ORGANIC TREATMENT    | 41                         | 0.0                       | 1                       | 7.7                         |
| ENERGY RECOVERY              | 183,153                    | 39.6                      | 2                       | 15.4                        |
| FUEL BLENDING                | 20,882                     | 4.5                       | 3                       | 23.1                        |
| INCINERATION                 | 7,260                      | 1.6                       | 2                       | 15.4                        |
| LANDFILL/SURFACE IMPOUNDMENT | 100,115                    | 21.6                      | 1                       | 7.7                         |
| METALS RECOVERY              | 7,056                      | 1.5                       | 4                       | 30.8                        |
| OTHER TREATMENT              | 2,793                      | 0.6                       | 1                       | 7.7                         |
| SOLVENTS RECOVERY            | 24,055                     | 5.2                       | 4                       | 30.8                        |
| STABILIZATION                | 59,345                     | 12.8                      | 1                       | 7.7                         |
| STORAGE AND/OR TRANSFER      | 10,654                     | 2.3                       | 4                       | 30.8                        |
|                              | 463,055                    | 100.0                     | 13                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY              | 183,153                    | 39.6                      | 2                       | 15.4                        |
| LANDFILL/SURFACE IMPOUNDMENT | 100,115                    | 21.6                      | 1                       | 7.7                         |
| STABILIZATION                | 59,345                     | 12.8                      | 1                       | 7.7                         |
| AQUEOUS INORGANIC TREATMENT  | 47,702                     | 10.3                      | 1                       | 7.7                         |
| SOLVENTS RECOVERY            | 24,055                     | 5.2                       | 4                       | 30.8                        |
| FUEL BLENDING                | 20,882                     | 4.5                       | 3                       | 23.1                        |
| STORAGE AND/OR TRANSFER      | 10,654                     | 2.3                       | 4                       | 30.8                        |
| INCINERATION                 | 7,260                      | 1.6                       | 2                       | 15.4                        |
| METALS RECOVERY              | 7,056                      | 1.5                       | 4                       | 30.8                        |
| OTHER TREATMENT              | 2,793                      | 0.6                       | 1                       | 7.7                         |
| AQUEOUS ORGANIC TREATMENT    | 41                         | 0.0                       | 1                       | 7.7                         |
|                              | 463,055                    | 100.0                     | 13                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 10,654                     | 2.3                       | 4                       | 30.8                        |
| METALS RECOVERY              | 7,056                      | 1.5                       | 4                       | 30.8                        |
| SOLVENTS RECOVERY            | 24,055                     | 5.2                       | 4                       | 30.8                        |
| FUEL BLENDING                | 20,882                     | 4.5                       | 3                       | 23.1                        |
| INCINERATION                 | 7,260                      | 1.6                       | 2                       | 15.4                        |
| ENERGY RECOVERY              | 183,153                    | 39.6                      | 2                       | 15.4                        |
| AQUEOUS ORGANIC TREATMENT    | 41                         | 0.0                       | 1                       | 7.7                         |
| AQUEOUS INORGANIC TREATMENT  | 47,702                     | 10.3                      | 1                       | 7.7                         |
| LANDFILL/SURFACE IMPOUNDMENT | 100,115                    | 21.6                      | 1                       | 7.7                         |
| OTHER TREATMENT              | 2,793                      | 0.6                       | 1                       | 7.7                         |
| STABILIZATION                | 59,345                     | 12.8                      | 1                       | 7.7                         |
|                              | 463,055                    | 100.0                     | 13                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**INDIANA**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 211,057 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 283,324 Tons

**26 Indiana Interstate Shipment / Receipts (As reported by Indiana):**

The State to which Indiana shipped the largest quantity of waste was Illinois (73,963 tons).

The State that shipped the largest quantity of waste to Indiana was Kentucky (63,802 tons).

## IOWA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 161

2 Quantity of RCRA Hazardous Waste Generated: 51,013 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City           | Total Generated<br>(Tons) |
|--------------|--------------|--|----------------|---------------------------|
| 1            | IAR000000216 | SSAB IOWA INC                                | MUSCATINE      | 23,056                    |
| 2            | IAD000223354 | GERDAU WILTON                                | WILTON         | 3,780                     |
| 3            | IAD005272398 | E I DUPONT DE NEMOURS AND COMPANY - FT MAD   | FORT MADISON   | 2,315                     |
| 4            | IAD984621920 | SCOTTS COMPANY THE                           | FORT MADISON   | 2,145                     |
| 5            | IAD045372836 | EQUISTAR CHEMICALS LP                        | CLINTON        | 1,496                     |
| 6            | IAD040610529 | AMSTED RAIL COMPANY INC                      | KEOKUK         | 1,298                     |
| 7            | IAD005273594 | MONSANTO COMPANY                             | MUSCATINE      | 1,241                     |
| 8            | IAR000004770 | AVEKA MANUFACTURING INC                      | FREDERICKSBURG | 1,024                     |
| 9            | IAR000516450 | FLINT HILLS RESOURCES MENLO LLC              | MENLO          | 795                       |
| 10           | IAD075846824 | 3M KNOXVILLE                                 | KNOXVILLE      | 782                       |
| 11           | IAD005314117 | VAN DIEST SUPPLY COMPANY                     | WEBSTER CITY   | 693                       |
| 12           | IAD984591891 | CAMBREX CHARLES CITY INC                     | CHARLES CITY   | 670                       |
| 13           | IAD000156422 | IOWA STEEL & WIRE CO INC                     | CENTERVILLE    | 614                       |
| 14           | IAD005278502 | PELLA CORPORATION                            | PELLA          | 541                       |
| 15           | IAD005145941 | CLOW VALVE COMPANY - METAL CASTING FACILITY  | OSKALOOSA      | 419                       |
| 16           | IAD007276728 | VOGEL PAINT & WAX CO INC                     | ORANGE CITY    | 395                       |
| 17           | IAD078096732 | SIEGWERK USA CO                              | DES MOINES     | 380                       |
| 18           | IAR000007377 | SIEGWERK USA CO                              | DES MOINES     | 380                       |
| 19           | IAD005274071 | VERMEER CORPORATION                          | PELLA          | 376                       |
| 20           | IAR000514992 | CLINTON IOWA CITY OF                         | CLINTON        | 366                       |
| 21           | IAR000005710 | AMERICAN PACKAGING CORPORATION               | STORY CITY     | 352                       |
| 22           | IAD069624500 | JOHN DEERE DES MOINES WORKS                  | ANKENY         | 299                       |
| 23           | IAD073489288 | INDUSTRIAL LAMINATES/NORPLEX INC             | POSTVILLE      | 280                       |
| 24           | IAD000805143 | FEDERAL-MOGUL BURLINGTON                     | BURLINGTON     | 279                       |
| 25           | IAD981506934 | OMEGA CABINETRY                              | WATERLOO       | 273                       |
| 26           | IAD050691617 | LOPAREX INC                                  | IOWA CITY      | 271                       |
| 27           | IAR000007013 | FRES-CO SYSTEM USA INC                       | RED OAK        | 267                       |
| 28           | IAD981504780 | SIOUXLAND GALVANIZING                        | SIOUX CITY     | 257                       |
| 29           | IAD984567818 | INTEGRATED DNA TECHNOLOGIES INC              | CORALVILLE     | 257                       |
| 30           | IAD098027592 | SAFETY-KLEEN SYSTEMS INC                     | DAVENPORT      | 193                       |
| 31           | IAR000502047 | PROCTER & GAMBLE DISTRIBUTING LLC - WB DISTR | WEST BRANCH    | 192                       |
| 32           | IAR000004762 | CARGILL - VITAMIN E                          | EDDYVILLE      | 179                       |
| 33           | IAD981718000 | SAFETY-KLEEN SYSTEMS INC                     | DES MOINES     | 178                       |
| 34           | IAD000829911 | HON COMPANY - OAK STEEL PLANT                | MUSCATINE      | 141                       |
| 35           | IAD096526108 | MAHLE ENGINE COMPONENTS USA INC              | ATLANTIC       | 136                       |
| 36           | IAR000516468 | FLINT HILLS RESOURCES FAIRBANK LLC           | FAIRBANK       | 133                       |
| 37           | IAD042450304 | SIEMENS ENERGY INC                           | FORT MADISON   | 130                       |
| 38           | IAR000510156 | TPI IOWA LLC                                 | NEWTON         | 126                       |
| 39           | IA0000575902 | OMNIUM                                       | HAMPTON        | 126                       |
| 40           | IAD053737532 | INFASTECH DECORAH LLC                        | DECORAH        | 119                       |
| 41           | IAR000507939 | BOEHRINGER INGELHEIM VETMEDICA INC - HUB WA  | FORT DODGE     | 115                       |
| 42           | IAD981711617 | ALLSTEEL MUSCATINE COMPONENT PLANT           | MUSCATINE      | 113                       |
| 43           | IAR000006577 | EAGLE WINDOW AND DOOR                        | DUBUQUE        | 112                       |
| 44           | IAD069619765 | EXIDE TECHNOLOGIES                           | MANCHESTER     | 109                       |
| 45           | IAR000008227 | PELLA CORPORATION - SIOUX CENTER OPERATION:  | SIOUX CENTER   | 108                       |
| 46           | IAD047303771 | COLLIS INC                                   | CLINTON        | 101                       |
| 47           | IAD000678144 | HELENA INDUSTRIES INC                        | DES MOINES     | 101                       |
| 48           | IAD005290259 | BOEHRINGER INGELHEIM VETMEDICA - 5TH ST NW   | FORT DODGE     | 101                       |
| 49           | IAD984567743 | ITW MAGNAFLUX                                | DE WITT        | 100                       |
| 50           | IAD041580721 | CURWOOD INC                                  | CENTERVILLE    | 100                       |
| <b>Total</b> |              |  |                | <b>48,016</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## IOWA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 2,793                   | ONLY AN F CODE                | 582                     |  |                         |
| ONLY CORROSIVE                        | 512                     | ONLY A K CODE                 | 26,834                  |  |                         |
| ONLY REACTIVE                         | 84                      | ONLY A P CODE                 | 32                      |  |                         |
| ONLY D004-17                          | 4,911                   | ONLY A U CODE                 | 91                      |  |                         |
| ONLY D018-43                          | 2,932                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 2,270                   | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>13,502</b>           | <b>TOTAL</b>                  | <b>27,539</b>           | <b>Both Characteristic and Listed</b>          | <b>9,958</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 1,796                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 8,521                   |
| HAS CORROSIVE CODE  | 525                     |   |                         | CORR. W/ AT LEAST 1 LSTD             | 827                     |
| HAS REACTIVE CODE   | 66                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 74                      |
| HAS D004-D017 CODE  | 622                     |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 2,073                   |
| HAS D018-D043 CODE  | 1,622                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 4,740                   |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 9,090                   |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 640                     |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 14                      |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 273                     |
| <b>TOTAL</b>  | <b>2,270</b>            | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>9,958</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, F005, D007, D008, D035, D018, D009, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 26,836         |
| 2            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING     | 4,305          |
| 3            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 3,811          |
| 4            | 3251  | BASIC CHEMICAL MANUFACTURING   | 2,213          |
| 5            | 3315  | FOUNDRIES  | 1,899          |
| 6            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                                | 1,168          |
| 7            | 3222  | CONVERTED PAPER PRODUCT MANUFACTURING                                    | 1,053          |
| 8            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                     | 974            |
| 9            | 3331  | AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING            | 867            |
| 10           | 3219  | OTHER WOOD PRODUCT MANUFACTURING   | 782            |
| <b>Total</b> |       |  | <b>43,909</b>  |

## IOWA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 11

9 Quantity of RCRA Hazardous Waste Managed: 813 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City         | Tons of Waste Managed |
|--------------|--------------|--|--------------|-----------------------|
| 1            | IAD005274071 | VERMEER CORPORATION                        | PELLA        | 260                   |
| 2            | IAD005289806 | JOHN DEERE WATERLOO WORKS - DRIVETRAIN A   | WATERLOO     | 185                   |
| 3            | IAD005278502 | PELLA CORPORATION                          | PELLA        | 160                   |
| 4            | IAR000005876 | ADVANCED ENVIRONMENTAL TECHNOLOGY          | MIDDLETOWN   | 80                    |
| 5            | IAR000008227 | PELLA CORPORATION - SIOUX CENTER OPERATIO  | SIOUX CENTER | 70                    |
| 6            | IAD053737532 | INFASTECH DECORAH LLC                      | DECORAH      | 38                    |
| 7            | IAD981506934 | OMEGA CABINETRY                            | WATERLOO     | 15                    |
| 8            | IAT200010924 | UNIVERSITY OF IOWA - TSDF ENVIRONMENTAL HE | CORALVILLE   | 3                     |
| 9            | IAD984571802 | PMX INDUSTRIES INC                         | CEDAR RAPIDS | 1                     |
| 10           | IAD005273594 | MONSANTO COMPANY                           | MUSCATINE    | 0                     |
| 11           | IAD062761671 | UNIVERSITY OF IOWA - MAIN CAMPUS           | IOWA CITY    | 0                     |
| <b>Total</b> |              |  |              | <b>813</b>            |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## IOWA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 38                         | 4.7                       | 1                       | 9.1                         |
| AQUEOUS ORGANIC TREATMENT   | 0                          | 0.0                       | 1                       | 9.1                         |
| INCINERATION                | 80                         | 9.9                       | 1                       | 9.1                         |
| METALS RECOVERY             | 1                          | 0.1                       | 1                       | 9.1                         |
| OTHER DISPOSAL              | 185                        | 22.8                      | 1                       | 9.1                         |
| OTHER TREATMENT             | 3                          | 0.4                       | 2                       | 18.2                        |
| SOLVENTS RECOVERY           | 505                        | 62.2                      | 4                       | 36.4                        |
|                             | 813                        | 100.0                     | 11                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY           | 505                        | 62.2                      | 4                       | 36.4                        |
| OTHER DISPOSAL              | 185                        | 22.8                      | 1                       | 9.1                         |
| INCINERATION                | 80                         | 9.9                       | 1                       | 9.1                         |
| AQUEOUS INORGANIC TREATMENT | 38                         | 4.7                       | 1                       | 9.1                         |
| OTHER TREATMENT             | 3                          | 0.4                       | 2                       | 18.2                        |
| METALS RECOVERY             | 1                          | 0.1                       | 1                       | 9.1                         |
| AQUEOUS ORGANIC TREATMENT   | 0                          | 0.0                       | 1                       | 9.1                         |
|                             | 813                        | 100.0                     | 11                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY           | 505                        | 62.2                      | 4                       | 36.4                        |
| OTHER TREATMENT             | 3                          | 0.4                       | 2                       | 18.2                        |
| AQUEOUS INORGANIC TREATMENT | 38                         | 4.7                       | 1                       | 9.1                         |
| METALS RECOVERY             | 1                          | 0.1                       | 1                       | 9.1                         |
| OTHER DISPOSAL              | 185                        | 22.8                      | 1                       | 9.1                         |
| INCINERATION                | 80                         | 9.9                       | 1                       | 9.1                         |
| AQUEOUS ORGANIC TREATMENT   | 0                          | 0.0                       | 1                       | 9.1                         |
|                             | 813                        | 100.0                     | 11                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Wastes Managed\*: D002, D001, D003, F003, F005, D007, D018, D035, U062

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## IOWA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 160

16 Quantity of RCRA Hazardous Waste Shipped: 50,702

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                   | City           | Quantity Shipped<br>(Tons) |
|-------|--------------|---|----------------|----------------------------|
| 1     | IAR000000216 | SSAB IOWA INC                               | MUSCATINE      | 23,056                     |
| 2     | IAD000223354 | GERDAU WILTON                               | WILTON         | 3,780                      |
| 3     | IAD005272398 | E I DUPONT DE NEMOURS AND COMPANY - FT MA   | FORT MADISON   | 2,315                      |
| 4     | IAD984621920 | SCOTTS COMPANY THE                          | FORT MADISON   | 2,145                      |
| 5     | IAD045372836 | EQUISTAR CHEMICALS LP                       | CLINTON        | 1,496                      |
| 6     | IAD040610529 | AMSTED RAIL COMPANY INC                     | KEOKUK         | 1,298                      |
| 7     | IAD005273594 | MONSANTO COMPANY                            | MUSCATINE      | 1,227                      |
| 8     | IAR000004770 | AVEKA MANUFACTURING INC                     | FREDERICKSBURG | 1,024                      |
| 9     | IAR000516450 | FLINT HILLS RESOURCES MENLO LLC             | MENLO          | 795                        |
| 10    | IAD075846824 | 3M KNOXVILLE                                | KNOXVILLE      | 782                        |
| 11    | IAD005314117 | VAN DIEST SUPPLY COMPANY                    | WEBSTER CITY   | 693                        |
| 12    | IAD984591891 | CAMBREX CHARLES CITY INC                    | CHARLES CITY   | 667                        |
| 13    | IAD000156422 | IOWA STEEL & WIRE CO INC                    | CENTERVILLE    | 614                        |
| 14    | IAD005145941 | CLOW VALVE COMPANY - METAL CASTING FACILIT  | OSKALOOSA      | 419                        |
| 15    | IAD007276728 | VOGEL PAINT & WAX CO INC                    | ORANGE CITY    | 395                        |
| 16    | IAD005278502 | PELLA CORPORATION                           | PELLA          | 381                        |
| 17    | IAR000007377 | SIEGWERK USA CO                             | DES MOINES     | 380                        |
| 18    | IAD098027592 | SAFETY-KLEEN SYSTEMS INC                    | DAVENPORT      | 372                        |
| 19    | IAR000514992 | CLINTON IOWA CITY OF                        | CLINTON        | 366                        |
| 20    | IAR000005710 | AMERICAN PACKAGING CORPORATION              | STORY CITY     | 352                        |
| 21    | IAD069624500 | JOHN DEERE DES MOINES WORKS                 | ANKENY         | 314                        |
| 22    | IAD078096732 | SIEGWERK USA CO                             | DES MOINES     | 291                        |
| 23    | IAD073489288 | INDUSTRIAL LAMINATES/NORPLEX INC            | POSTVILLE      | 280                        |
| 24    | IAD000805143 | FEDERAL-MOGUL BURLINGTON                    | BURLINGTON     | 280                        |
| 25    | IAD050691617 | LOPAREX INC                                 | IOWA CITY      | 271                        |
| 26    | IAR000007013 | FRES-CO SYSTEM USA INC                      | RED OAK        | 267                        |
| 27    | IAD981506934 | OMEGA CABINETRY                             | WATERLOO       | 258                        |
| 28    | IAD981504780 | SIOUXLAND GALVANIZING                       | SIOUX CITY     | 257                        |
| 29    | IAD984567818 | INTEGRATED DNA TECHNOLOGIES INC             | CORALVILLE     | 257                        |
| 30    | IAD981718000 | SAFETY-KLEEN SYSTEMS INC                    | DES MOINES     | 254                        |
| 31    | IAR000502047 | PROCTER & GAMBLE DISTRIBUTING LLC - WB DIST | WEST BRANCH    | 192                        |
| 32    | IAR000004762 | CARGILL - VITAMIN E                         | EDDYVILLE      | 179                        |
| 33    | IAD096526108 | MAHLE ENGINE COMPONENTS USA INC             | ATLANTIC       | 144                        |
| 34    | IAD000829911 | HON COMPANY - OAK STEEL PLANT               | MUSCATINE      | 141                        |
| 35    | IAR000516468 | FLINT HILLS RESOURCES FAIRBANK LLC          | FAIRBANK       | 133                        |
| 36    | IAD042450304 | SIEMENS ENERGY INC                          | FORT MADISON   | 130                        |
| 37    | IAR000510156 | TPI IOWA LLC                                | NEWTON         | 126                        |
| 38    | IA0000575902 | OMNIUM                                      | HAMPTON        | 126                        |
| 39    | IAR000507939 | BOEHRINGER INGELHEIM VETMEDICA INC - HUB W. | FORT DODGE     | 115                        |
| 40    | IAD005274071 | VERMEER CORPORATION                         | PELLA          | 114                        |
| 41    | IAD981711617 | ALLSTEEL MUSCATINE COMPONENT PLANT          | MUSCATINE      | 113                        |
| 42    | IAR000006577 | EAGLE WINDOW AND DOOR                       | DUBUQUE        | 112                        |
| 43    | IAD069619765 | EXIDE TECHNOLOGIES                          | MANCHESTER     | 109                        |
| 44    | IAD041580721 | CURWOOD INC                                 | CENTERVILLE    | 103                        |
| 45    | IAD047303771 | COLLIS INC                                  | CLINTON        | 101                        |
| 46    | IAD005290259 | BOEHRINGER INGELHEIM VETMEDICA - 5TH ST NW  | FORT DODGE     | 101                        |
| 47    | IAD000678144 | HELENA INDUSTRIES INC                       | DES MOINES     | 101                        |
| 48    | IAD984567743 | ITW MAGNAFLUX                               | DE WITT        | 100                        |
| 49    | IAD115075475 | NOVARTIS ANIMAL HEALTH US INC               | LARCHWOOD      | 98                         |
| 50    | IAD091385294 | HACH COMPANY                                | AMES           | 92                         |
| Total |              |   |                | 47,719                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

IOWA

2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 5

19 Quantity of RCRA Hazardous Waste Received: 570 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank  | EPA ID       | Site Name                                    | City       | Quantity Received<br>(Tons) |
|-------|--------------|--|------------|-----------------------------|
| 1     | IAD005289806 | JOHN DEERE WATERLOO WORKS - DRIVETRAIN AND   | WATERLOO   | 185                         |
| 2     | IAD098027592 | SAFETY-KLEEN SYSTEMS INC                     | DAVENPORT  | 177                         |
| 3     | IAR000005876 | ADVANCED ENVIRONMENTAL TECHNOLOGY            | MIDDLETOWN | 80                          |
| 4     | IAD981718000 | SAFETY-KLEEN SYSTEMS INC                     | DES MOINES | 74                          |
| 5     | IAT200010924 | UNIVERSITY OF IOWA - TSDF ENVIRONMENTAL HEAL | CORALVILLE | 54                          |
| Total |              |  |            | 570                         |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## IOWA

## 2011 WASTE RECEIPTS, CONTINUED

## 21 Quantity of RCRA Hazardous Waste Managed by Management Method

Limited to Waste Received from Offsite, 2011

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION            | 80                         | 14.1                      | 1                       | 20.0                        |
| OTHER DISPOSAL          | 185                        | 32.5                      | 1                       | 20.0                        |
| OTHER TREATMENT         | 1                          | 0.2                       | 1                       | 20.0                        |
| STORAGE AND/OR TRANSFER | 303                        | 53.2                      | 3                       | 60.0                        |
|                         | 570                        | 100.0                     | 5                       |                             |

## 22 Management Method by Quantity of RCRA Hazardous Waste Managed

Limited to Waste Received from Offsite, 2011

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 303                        | 53.2                      | 3                       | 60.0                        |
| OTHER DISPOSAL          | 185                        | 32.5                      | 1                       | 20.0                        |
| INCINERATION            | 80                         | 14.1                      | 1                       | 20.0                        |
| OTHER TREATMENT         | 1                          | 0.2                       | 1                       | 20.0                        |
|                         | 570                        | 100.0                     | 5                       |                             |

## 23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities

Limited to Waste Received from Offsite, 2011

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 303                        | 53.2                      | 3                       | 60.0                        |
| OTHER DISPOSAL          | 185                        | 32.5                      | 1                       | 20.0                        |
| OTHER TREATMENT         | 1                          | 0.2                       | 1                       | 20.0                        |
| INCINERATION            | 80                         | 14.1                      | 1                       | 20.0                        |
|                         | 570                        | 100.0                     | 5                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**IOWA**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 50,595 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 278 Tons

**26 Iowa Interstate Shipment / Receipts (As reported by Iowa):**

The State to which Iowa shipped the largest quantity of waste was Illinois (17,525 tons).

The State that shipped the largest quantity of waste to Iowa was Illinois (222 tons).

## KANSAS

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 216

2 Quantity of RCRA Hazardous Waste Generated: 1,238,342 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City         | Total Generated<br>(Tons) |
|--------------|--------------|--|--------------|---------------------------|
| 1            | KSD007482029 | OCCIDENTAL CHEMICAL CORPORATION            | WICHITA      | 1,107,532                 |
| 2            | KSD980633259 | SYSTECH ENVIRONMENTAL CORP                 | FREDONIA     | 100,148                   |
| 3            | KSD007145956 | NATIONAL COOPERATIVE REFINERY ASSOCIATION  | MCPHERSON    | 4,044                     |
| 4            | KSR000503961 | SPIRIT AEROSYSTEMS INC                     | WICHITA      | 3,499                     |
| 5            | KSD056577810 | SHERWIN-WILLIAMS COMPANY                   | ANDOVER      | 3,154                     |
| 6            | KSD007232333 | KUHN KRAUSE INC                            | HUTCHINSON   | 2,433                     |
| 7            | KSD007138605 | COFFEYVILLE RESOURCES REFINING & MARKETING | COFFEYVILLE  | 2,358                     |
| 8            | KSD980854285 | EVONIK JAYHAWK FINE CHEMICALS CORP         | GALENA       | 1,504                     |
| 9            | KSR000014985 | CHEMTRADE PHOSPHORUS SPECIALTIES LLC       | LAWRENCE     | 1,431                     |
| 10           | KSD003951977 | AMSTED RAIL COMPANY                        | KANSAS CITY  | 1,174                     |
| 11           | KSD981126253 | GENERAL MOTORS LLC                         | KANSAS CITY  | 1,039                     |
| 12           | KSD000203711 | PQ CORPORATION                             | KANSAS CITY  | 905                       |
| 13           | KSD007233422 | FRONTIER EL DORADO REFINING LLC            | EL DORADO    | 734                       |
| 14           | KSD007237746 | AIR PRODUCTS MFG CORP                      | HAYSVILLE    | 574                       |
| 15           | KSD007482011 | HAWKER BEECHCRAFT CORPORATION              | WICHITA      | 361                       |
| 16           | KSD007235310 | AGCO CORPORATION                           | HESSTON      | 308                       |
| 17           | KSD007236375 | UNIVERSAL LUBRICANTS LLC                   | WICHITA      | 303                       |
| 18           | KSD000809723 | SAFETY-KLEEN SYSTEMS INC                   | WICHITA      | 290                       |
| 19           | KSR000001743 | API FOILS INC                              | LAWRENCE     | 249                       |
| 20           | KSD981506025 | CLEAN HARBORS PPM LLC                      | COFFEYVILLE  | 245                       |
| 21           | KSD073323081 | 3P PROCESSING                              | WICHITA      | 236                       |
| 22           | KSD000809673 | CESSNA AIRCRAFT COMPANY - MID-CONTINENT    | WICHITA      | 222                       |
| 23           | KSD062721956 | PACKAGING PRODUCTS CORPORATION LLC         | MISSION      | 211                       |
| 24           | KSD007233596 | CESSNA AIRCRAFT COMPANY                    | WICHITA      | 200                       |
| 25           | KSD056789126 | JOHNS MANVILLE                             | MCPHERSON    | 196                       |
| 26           | KSD980973903 | FORT HAYS STATE UNIVERSITY                 | HAYS         | 194                       |
| 27           | KSD054080148 | ROBBIE MANUFACTURING INC                   | LENEXA       | 193                       |
| 28           | KSR000005033 | ITW DYMON                                  | OLATHE       | 184                       |
| 29           | KSD981711260 | PLASTIC PACKAGING TECHNOLOGIES LLC         | KANSAS CITY  | 178                       |
| 30           | KSD073314593 | EXIDE TECHNOLOGIES                         | SALINA       | 158                       |
| 31           | KS0001012509 | CUSTOM CUPBOARDS INC                       | WICHITA      | 146                       |
| 32           | KSD097709968 | PARAGON SERVICES INC                       | WICHITA      | 144                       |
| 33           | KSD002288736 | FUCHS LUBRICANTS CO                        | KANSAS CITY  | 140                       |
| 34           | KSD007234313 | LEARJET INC                                | WICHITA      | 137                       |
| 35           | KSD000651307 | CERTAINTED CORPORATION                     | KANSAS CITY  | 135                       |
| 36           | KSR000001404 | NAZDAR/KC COATINGS                         | SHAWNEE      | 119                       |
| 37           | KSD058924689 | GNB INDUSTRIAL POWER - EXIDE               | KANSAS CITY  | 115                       |
| 38           | KSD007241185 | METAL FINISHING COMPANY INC                | WICHITA      | 109                       |
| 39           | KSD981126832 | KENDALL PACKAGING CORP PITTSBURG DIV       | PITTSBURG    | 106                       |
| 40           | KSD980686844 | SAFETY-KLEEN SYSTEMS INC                   | DODGE CITY   | 98                        |
| 41           | KSD984969527 | MCFS - CONWAY FRACTIONATOR                 | MCPHERSON    | 94                        |
| 42           | KSD007124506 | ICL PERFORMANCE PRODUCTS LP                | LAWRENCE     | 84                        |
| 43           | KSD031203318 | ASH GROVE CEMENT COMPANY                   | CHANUTE      | 68                        |
| 44           | KS0213820467 | KANSAS ARMY AMMUNITION PLANT               | PARSONS      | 66                        |
| 45           | KSR000508044 | PARK AEROSPACE TECHNOLOGIES CORP           | NEWTON       | 64                        |
| 46           | KSD043933266 | ENERSYS                                    | HAYS         | 60                        |
| 47           | KSD007250764 | TRIUMPH ACCESSORY SERVICES - WELLINGTON    | WELLINGTON   | 58                        |
| 48           | KSD187314364 | DIVERSIFIED SERVICES INC                   | WELLINGTON   | 56                        |
| 49           | KSD984970426 | PIONEER BALLOON                            | EL DORADO    | 49                        |
| 50           | KSR000003392 | CESSNA AIRCRAFT COMPANY                    | INDEPENDENCE | 49                        |
| <b>Total</b> |              |  |              | <b>1,236,152</b>          |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## KANSAS

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 3,034                   | ONLY AN F CODE                | 2,501                   |  |                         |
| ONLY CORROSIVE                        | 955                     | ONLY A K CODE                 | 2,981                   |  |                         |
| ONLY REACTIVE                         | 203                     | ONLY A P CODE                 | 12                      |  |                         |
| ONLY D004-17                          | 4,928                   | ONLY A U CODE                 | 30                      |  |                         |
| ONLY D018-43                          | 137                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 3,510                   | HAS MORE THAN ONE LISTED CODE | 1,203                   |  |                         |
| <b>TOTAL</b>                          | <b>12,766</b>           | <b>TOTAL</b>                  | <b>6,727</b>            | <b>Both Characteristic and Listed</b>          | <b>1,218,844</b>        |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 1,416                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 108,244                 |
| HAS CORROSIVE CODE  | 2,578                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 308,162                 |
| HAS REACTIVE CODE   | 351                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 58                      |
| HAS D004-D017 CODE  | 2,251                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 1,214,433               |
| HAS D018-D043 CODE  | 881                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 1,212,988               |
|   |                         | HAS AN F CODE                           | 1,201                   | F WASTE W/ AT LEAST 1 CHAR           | 1,218,579               |
|   |                         | HAS A K CODE                            | 1,201                   | K WASTE W/ AT LEAST 1 CHAR           | 1,206,760               |
|   |                         | HAS A P CODE                            | 3                       | P WASTE W/ AT LEAST 1 CHAR           | 19                      |
|   |                         | HAS A U CODE                            | 3                       | U WASTE W/ AT LEAST 1 CHAR           | 1,208,301               |
| <b>TOTAL</b>  | <b>3,510</b>            | <b>TOTAL</b>                            | <b>1,203</b>            | <b>TOTAL</b>                         | <b>1,218,844</b>        |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, F003, D035, F005, D008, D006, D018, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description   | Tons Generated   |
|--------------|-------|---|------------------|
| 1            | 3251  | BASIC CHEMICAL MANUFACTURING                                  | 1,112,030        |
| 2            | 5622  | WASTE TREATMENT AND DISPOSAL                                  | 100,394          |
| 3            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                     | 7,583            |
| 4            | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                     | 4,816            |
| 5            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                    | 3,194            |
| 6            | 3331  | AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING | 2,808            |
| 7            | 3315  | FOUNDRIES   | 1,174            |
| 8            | 3361  | MOTOR VEHICLE MANUFACTURING                                   | 1,039            |
| 9            | 3231  | PRINTING AND RELATED SUPPORT ACTIVITIES                       | 760              |
| 10           | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES      | 755              |
| <b>Total</b> |       |   | <b>1,234,554</b> |

## KANSAS

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 26

9 Quantity of RCRA Hazardous Waste Managed: 1,377,953 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City        | Tons of Waste Managed |
|--------------|--------------|---|-------------|-----------------------|
| 1            | KSD007482029 | OCCIDENTAL CHEMICAL CORPORATION             | WICHITA     | 1,107,333             |
| 2            | KSD980633259 | SYSTECH ENVIRONMENTAL CORP                  | FREDONIA    | 104,725               |
| 3            | KSD007148034 | LAFARGE MIDWEST INC                         | FREDONIA    | 100,935               |
| 4            | KSD031203318 | ASH GROVE CEMENT COMPANY                    | CHANUTE     | 62,220                |
| 5            | KSD056577810 | SHERWIN-WILLIAMS COMPANY                    | ANDOVER     | 1,283                 |
| 6            | KSD007237746 | AIR PRODUCTS MFG CORP                       | HAYSVILLE   | 574                   |
| 7            | KSD007236375 | UNIVERSAL LUBRICANTS LLC                    | WICHITA     | 266                   |
| 8            | KSD057889313 | NEXEO SOLUTIONS                             | KANSAS CITY | 265                   |
| 9            | KSR000001743 | API FOILS INC                               | LAWRENCE    | 136                   |
| 10           | KS0001012509 | CUSTOM CUPBOARDS INC                        | WICHITA     | 40                    |
| 11           | KSD073309726 | KBK INDUSTRIES LLC SOUTH FACILITY           | RUSH CENTER | 32                    |
| 12           | KSD007148380 | INDUSTRIAL CHROME INC DBA ICE MANUFACTURING | TOPEKA      | 20                    |
| 13           | KSR000506394 | KBK INDUSTRIES LLC NORTH FACILITY           | RUSH CENTER | 16                    |
| 14           | KSD007482011 | HAWKER BEECHCRAFT CORPORATION               | WICHITA     | 16                    |
| 15           | KSD000224519 | BRODERSON MFG CORP                          | LENEXA      | 14                    |
| 16           | KSD984973859 | EXXONMOBIL SIGNUM OIL ANALYSIS              | KANSAS CITY | 13                    |
| 17           | KSD980687958 | WILKO PAINT INC                             | WICHITA     | 11                    |
| 18           | KS0000046607 | ALS SERVICES USA CORP                       | KANSAS CITY | 11                    |
| 19           | KSD984972992 | PACE ANALYTICAL SVCS INC                    | LENEXA      | 10                    |
| 20           | KSD054084330 | ASTRO TRUCK COVERS INC                      | GARNETT     | 9                     |
| 21           | KSD980632756 | KANSAS CORRECTIONAL INDUSTRIES              | LANSING     | 8                     |
| 22           | KSD030625917 | CHROME PLUS INTERNATIONAL INCORPORATED      | WICHITA     | 6                     |
| 23           | KSD007238744 | CHANCE RIDES MANUFACTURING INC              | WICHITA     | 5                     |
| 24           | KS0213820467 | KANSAS ARMY AMMUNITION PLANT                | PARSONS     | 4                     |
| 25           | KSD984972281 | CHROME PLUS INTL INC                        | MCPHERSON   | 2                     |
| 26           | KSD980852669 | UNIVERSITY OF KANSAS H W A F                | LAWRENCE    | 0                     |
| <b>Total</b> |              |   |             | <b>1,377,953</b>      |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## KANSAS

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT       | 7                          | 0.0                       | 2                       | 7.7                         |
| DEEPWELL OR UNDERGROUND INJECTION | 1,107,333                  | 80.4                      | 1                       | 3.8                         |
| ENERGY RECOVERY                   | 163,729                    | 11.9                      | 3                       | 11.5                        |
| FUEL BLENDING                     | 104,736                    | 7.6                       | 2                       | 7.7                         |
| INCINERATION                      | 4                          | 0.0                       | 1                       | 3.8                         |
| OTHER TREATMENT                   | 10                         | 0.0                       | 2                       | 7.7                         |
| SLUDGE TREATMENT                  | 20                         | 0.0                       | 1                       | 3.8                         |
| SOLVENTS RECOVERY                 | 1,863                      | 0.1                       | 15                      | 57.7                        |
| STABILIZATION                     | 252                        | 0.0                       | 1                       | 3.8                         |
|                                   | 1,377,953                  | 100.0                     | 26                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| DEEPWELL OR UNDERGROUND INJECTION | 1,107,333                  | 80.4                      | 1                       | 3.8                         |
| ENERGY RECOVERY                   | 163,729                    | 11.9                      | 3                       | 11.5                        |
| FUEL BLENDING                     | 104,736                    | 7.6                       | 2                       | 7.7                         |
| SOLVENTS RECOVERY                 | 1,863                      | 0.1                       | 15                      | 57.7                        |
| STABILIZATION                     | 252                        | 0.0                       | 1                       | 3.8                         |
| SLUDGE TREATMENT                  | 20                         | 0.0                       | 1                       | 3.8                         |
| OTHER TREATMENT                   | 10                         | 0.0                       | 2                       | 7.7                         |
| AQUEOUS INORGANIC TREATMENT       | 7                          | 0.0                       | 2                       | 7.7                         |
| INCINERATION                      | 4                          | 0.0                       | 1                       | 3.8                         |
|                                   | 1,377,953                  | 100.0                     | 26                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY                 | 1,863                      | 0.1                       | 15                      | 57.7                        |
| ENERGY RECOVERY                   | 163,729                    | 11.9                      | 3                       | 11.5                        |
| FUEL BLENDING                     | 104,736                    | 7.6                       | 2                       | 7.7                         |
| AQUEOUS INORGANIC TREATMENT       | 7                          | 0.0                       | 2                       | 7.7                         |
| OTHER TREATMENT                   | 10                         | 0.0                       | 2                       | 7.7                         |
| STABILIZATION                     | 252                        | 0.0                       | 1                       | 3.8                         |
| SLUDGE TREATMENT                  | 20                         | 0.0                       | 1                       | 3.8                         |
| DEEPWELL OR UNDERGROUND INJECTION | 1,107,333                  | 80.4                      | 1                       | 3.8                         |
| INCINERATION                      | 4                          | 0.0                       | 1                       | 3.8                         |
|                                   | 1,377,953                  | 100.0                     | 26                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, F005, D035, F002, D039, D008, D007, D018, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## KANSAS

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 214

16 Quantity of RCRA Hazardous Waste Shipped: 135,492

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                 | City          | Quantity Shipped<br>(Tons) |
|-------|--------------|---|---------------|----------------------------|
| 1     | KSD980633259 | SYSTECH ENVIRONMENTAL CORP                | FREDONIA      | 107,099                    |
| 2     | KSD007145956 | NATIONAL COOPERATIVE REFINERY ASSOCIATION | MCPHERSON     | 4,044                      |
| 3     | KSR000503961 | SPIRIT AEROSYSTEMS INC                    | WICHITA       | 3,499                      |
| 4     | KSD007138605 | COFFEYVILLE RESOURCES REFINING & MARKETIN | COFFEYVILLE   | 2,358                      |
| 5     | KSD056577810 | SHERWIN-WILLIAMS COMPANY                  | ANDOVER       | 1,871                      |
| 6     | KSD007232333 | KUHN KRAUSE INC                           | HUTCHINSON    | 1,799                      |
| 7     | KSD980854285 | EVONIK JAYHAWK FINE CHEMICALS CORP        | GALENA        | 1,504                      |
| 8     | KSR000014985 | CHEMTRADE PHOSPHORUS SPECIALTIES LLC      | LAWRENCE      | 1,431                      |
| 9     | KSD003951977 | AMSTED RAIL COMPANY                       | KANSAS CITY   | 1,174                      |
| 10    | KSD981126253 | GENERAL MOTORS LLC                        | KANSAS CITY   | 1,039                      |
| 11    | KSD000203711 | PQ CORPORATION                            | KANSAS CITY   | 905                        |
| 12    | KSD007233422 | FRONTIER EL DORADO REFINING LLC           | EL DORADO     | 734                        |
| 13    | KSD057889313 | NEXEO SOLUTIONS                           | KANSAS CITY   | 492                        |
| 14    | KSD000809723 | SAFETY-KLEEN SYSTEMS INC                  | WICHITA       | 410                        |
| 15    | KSD007482011 | HAWKER BEECHCRAFT CORPORATION             | WICHITA       | 345                        |
| 16    | KSD007235310 | AGCO CORPORATION                          | HESSTON       | 308                        |
| 17    | KSD981506025 | CLEAN HARBORS PPM LLC                     | COFFEYVILLE   | 245                        |
| 18    | KSD073323081 | 3P PROCESSING                             | WICHITA       | 236                        |
| 19    | KSD000809673 | CESSNA AIRCRAFT COMPANY - MID-CONTINENT   | WICHITA       | 222                        |
| 20    | KSD062721956 | PACKAGING PRODUCTS CORPORATION LLC        | MISSION       | 211                        |
| 21    | KSD007233596 | CESSNA AIRCRAFT COMPANY                   | WICHITA       | 200                        |
| 22    | KSD007482029 | OCCIDENTAL CHEMICAL CORPORATION           | WICHITA       | 199                        |
| 23    | KSD056789126 | JOHNS MANVILLE                            | MCPHERSON     | 196                        |
| 24    | KSD980973903 | FORT HAYS STATE UNIVERSITY                | HAYS          | 194                        |
| 25    | KSD054080148 | ROBBIE MANUFACTURING INC                  | LENEXA        | 193                        |
| 26    | KSR000005033 | ITW DYMON                                 | OLATHE        | 184                        |
| 27    | KSD981711260 | PLASTIC PACKAGAING TECHNOLOGIES LLC       | KANSAS CITY   | 178                        |
| 28    | KSD073314593 | EXIDE TECHNOLOGIES                        | SALINA        | 159                        |
| 29    | KSD097709968 | PARAGON SERIVCES INC                      | WICHITA       | 144                        |
| 30    | KSD980686844 | SAFETY-KLEEN SYSTEMS INC                  | DODGE CITY    | 140                        |
| 31    | KSD002288736 | FUCHS LUBRICANTS CO                       | KANSAS CITY   | 140                        |
| 32    | KSD007234313 | LEARJET INC                               | WICHITA       | 137                        |
| 33    | KSD000651307 | CERTAINTED CORPORATION                    | KANSAS CITY   | 135                        |
| 34    | KSR000001404 | NAZDAR/KC COATINGS                        | SHAWNEE       | 119                        |
| 35    | KSD058924689 | GNB INDUSTRIAL POWER - EXIDE              | KANSAS CITY   | 115                        |
| 36    | KSR000001743 | API FOILS INC                             | LAWRENCE      | 115                        |
| 37    | KSD007241185 | METAL FINISHING COMPANY INC               | WICHITA       | 109                        |
| 38    | KSD981126832 | KENDALL PACKAGING CORP PITTSBURG DIV      | PITTSBURG     | 106                        |
| 39    | KS0001012509 | CUSTOM CUPBOARDS INC                      | WICHITA       | 105                        |
| 40    | KSD984969527 | MCFS - CONWAY FRACTIONATOR                | MCPHERSON     | 94                         |
| 41    | KSD007124506 | ICL PERFORMANCE PRODUCTS LP               | LAWRENCE      | 84                         |
| 42    | KSR000508044 | PARK AEROSPACE TECHNOLOGIES CORP          | NEWTON        | 64                         |
| 43    | KS0213820467 | KANSAS ARMY AMMUNITION PLANT              | PARSONS       | 63                         |
| 44    | KSD043933266 | ENERSYS                                   | HAYS          | 60                         |
| 45    | KSD070902952 | CHEMICAL WASTE MANAGEMENT INC             | VALLEY CENTER | 59                         |
| 46    | KSD007250764 | TRIUMPH ACCESSORY SERVICES - WELLINGTON   | WELLINGTON    | 58                         |
| 47    | KSD187314364 | DIVERSIFIED SERVICES INC                  | WELLINGTON    | 56                         |
| 48    | KSD984970426 | PIONEER BALLOON                           | EL DORADO     | 49                         |
| 49    | KSR000003392 | CESSNA AIRCRAFT COMPANY                   | INDEPENDENCE  | 49                         |
| 50    | KSD007237241 | BOEING COMPANY - BOEING DEFENSE SPACE ANC | WICHITA       | 48                         |
| Total |              |   |               | 133,478                    |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**KANSAS**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 6

**19** Quantity of RCRA Hazardous Waste Received: 262,248 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                  | City        | Quantity Received<br>(Tons) |
|--------------|--------------|----------------------------|-------------|-----------------------------|
| 1            | KSD007148034 | LAFARGE MIDWEST INC        | FREDONIA    | 100,935                     |
| 2            | KSD980633259 | SYSTECH ENVIRONMENTAL CORP | FREDONIA    | 98,510                      |
| 3            | KSD031203318 | ASH GROVE CEMENT COMPANY   | CHANUTE     | 62,166                      |
| 4            | KSD057889313 | NEXEO SOLUTIONS            | KANSAS CITY | 492                         |
| 5            | KSD000809723 | SAFETY-KLEEN SYSTEMS INC   | WICHITA     | 111                         |
| 6            | KSD980686844 | SAFETY-KLEEN SYSTEMS INC   | DODGE CITY  | 34                          |
| <b>Total</b> |              |                            |             | <b>262,248</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## KANSAS

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY         | 163,101                    | 62.2                      | 2                       | 33.3                        |
| FUEL BLENDING           | 97,837                     | 37.3                      | 2                       | 33.3                        |
| SOLVENTS RECOVERY       | 4                          | 0.0                       | 1                       | 16.7                        |
| STABILIZATION           | 252                        | 0.1                       | 1                       | 16.7                        |
| STORAGE AND/OR TRANSFER | 1,056                      | 0.4                       | 4                       | 66.7                        |
|                         | 262,248                    | 100.0                     | 6                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY         | 163,101                    | 62.2                      | 2                       | 33.3                        |
| FUEL BLENDING           | 97,837                     | 37.3                      | 2                       | 33.3                        |
| STORAGE AND/OR TRANSFER | 1,056                      | 0.4                       | 4                       | 66.7                        |
| STABILIZATION           | 252                        | 0.1                       | 1                       | 16.7                        |
| SOLVENTS RECOVERY       | 4                          | 0.0                       | 1                       | 16.7                        |
|                         | 262,248                    | 100.0                     | 6                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 1,056                      | 0.4                       | 4                       | 66.7                        |
| ENERGY RECOVERY         | 163,101                    | 62.2                      | 2                       | 33.3                        |
| FUEL BLENDING           | 97,837                     | 37.3                      | 2                       | 33.3                        |
| STABILIZATION           | 252                        | 0.1                       | 1                       | 16.7                        |
| SOLVENTS RECOVERY       | 4                          | 0.0                       | 1                       | 16.7                        |
|                         | 262,248                    | 100.0                     | 6                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## KANSAS

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 25,418 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 148,603 Tons

**26 Kansas Interstate Shipment / Receipts (As reported by Kansas):**

The State to which Kansas shipped the largest quantity of waste was Texas (5,058 tons).

The State that shipped the largest quantity of waste to Kansas was Texas (41,064 tons).

## KENTUCKY

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 269

2 Quantity of RCRA Hazardous Waste Generated: 142,246 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City           | Total Generated<br>(Tons) |
|--------------|--------------|--|----------------|---------------------------|
| 1            | KYR000032045 | NORTH AMERICAN STAINLESS                     | GHENT          | 32,796                    |
| 2            | KYD985115237 | GALLATIN STEEL COMPANY                       | GHENT          | 23,759                    |
| 3            | KYD006390017 | ROHM AND HAAS - LOUISVILLE PLANT             | LOUISVILLE     | 16,066                    |
| 4            | KYD042943985 | DOW CORNING CORPORATION                      | CARROLLTON     | 7,415                     |
| 5            | KYD981803554 | HITACHI AUTOMOTIVE SYSTEMS AMERICAS, INC.-BE | BEREA          | 7,343                     |
| 6            | KYD049062375 | CENTURY ALUMINUM OF KENTUCKY                 | HAWESVILLE     | 6,295                     |
| 7            | KYD058692526 | RIO TINTO ALCAN SEBREE WORKS                 | ROBARDS        | 3,898                     |
| 8            | KYD082390394 | SHERWIN-WILLIAMS                             | RICHMOND       | 3,691                     |
| 9            | KYR000011718 | GUARDIAN AUTOMOTIVE TRIM, INC.               | MOREHEAD       | 3,550                     |
| 10           | KYD006370159 | ARKEMA INC                                   | CALVERT CITY   | 2,471                     |
| 11           | KY1640013156 | TVA PARADISE FOSSIL PLANT                    | DRAKESBORO     | 2,360                     |
| 12           | KYR000029827 | ATLANTIC RICHFIELD COMPANY                   | HENDERSON      | 2,236                     |
| 13           | KYD041376138 | CATLETTSBURG REFINING, LLC                   | CATLETTSBURG   | 2,186                     |
| 14           | KYR000043828 | REPUBLIC CONDUIT MANUFACTURING               | LOUISVILLE     | 1,946                     |
| 15           | KYD005009923 | CALGON CARBON CORPORATION                    | CATLETTSBURG   | 1,360                     |
| 16           | KYD161955380 | TOYOTA MOTOR MANUFACTURING, KENTUCKY, INC    | GEORGETOWN     | 1,240                     |
| 17           | KYD000648279 | MCKECHNIE VEHICLE COMPONENTS (MVC)           | NICHOLASVILLE  | 938                       |
| 18           | KYR000051474 | KENTUCKY CHROME WORKS                        | HORSE CAVE     | 934                       |
| 19           | KYD006373922 | ARKEMA INC                                   | CARROLLTON     | 882                       |
| 20           | KYD006396246 | ARCH CHEMICALS, INC., FULLY OWNED SUBSIDIARY | BRANDENBURG    | 844                       |
| 21           | KYD981753197 | AKEBONO BRAKE CORPORATION - ELIZABETHTOW     | ELIZABETHTOWN  | 785                       |
| 22           | KYD053351227 | FORD MOTOR COMPANY - KY TRUCK PLANT          | LOUISVILLE     | 714                       |
| 23           | KYD000207282 | KENTUCKY ELECTRIC STEEL                      | ASHLAND        | 630                       |
| 24           | KYD053350229 | R.T. VANDERBILT CO., INC. - MURRAY DIVISION  | MURRAY         | 605                       |
| 25           | KYD003924198 | E. I. DU PONT DE NEMOURS & COMPANY           | LOUISVILLE     | 597                       |
| 26           | KYD006388441 | COLOR COMPANY OF AMERICA                     | LOUISVILLE     | 595                       |
| 27           | KYD985072008 | WESTLAKE VINYL, INC.                         | CALVERT CITY   | 594                       |
| 28           | KYR000028225 | AMFINE CHEMICAL CORPORATION                  | HOPKINSVILLE   | 584                       |
| 29           | KYD006370175 | ISP CHEMICALS LLC.                           | CALVERT CITY   | 533                       |
| 30           | KYD049465255 | HUNTINGTON ALLOYS CORPORATION, A SPECIAL MI  | CATLETTSBURG   | 479                       |
| 31           | KYD005013032 | AK STEEL CORPORATION-COKE PLANT              | ASHLAND        | 470                       |
| 32           | KYD046655064 | AMERICAN FUJI SEAL INC.                      | BARDSTOWN      | 444                       |
| 33           | KYD055832091 | MOMENTIVE SPECIALTY CHEMICALS INC            | LOUISVILLE     | 395                       |
| 34           | KYR000052936 | BRIANS BATTERY LLC                           | COLDIRON       | 375                       |
| 35           | KYD006382253 | PPG INDUSTRIES INC                           | LOUISVILLE     | 336                       |
| 36           | KYR000047357 | SAYLOR MINE BATTERY, INC.                    | BAXTER         | 308                       |
| 37           | KYD074060039 | EBONITE INTERNATIONAL, INC.                  | HOPKINSVILLE   | 303                       |
| 38           | KY8213820105 | BLUE GRASS ARMY DEPOT                        | RICHMOND       | 285                       |
| 39           | KYD053349593 | PPG ARCHITECTURAL FINISHES, INC.             | LOUISVILLE     | 285                       |
| 40           | KYD006388797 | CORNING INCORPORATED                         | HARRODSBURG    | 282                       |
| 41           | KYD055831838 | AIR PRODUCTS AND CHEMICALS, INC.             | CALVERT CITY   | 271                       |
| 42           | KYD071315899 | FORD MOTOR CO. - LOUISVILLE ASSEMBLY         | LOUISVILLE     | 247                       |
| 43           | KYD070219571 | ENERSYS                                      | RICHMOND       | 228                       |
| 44           | KYD985116409 | FELKER BROTHERS                              | GLASGOW        | 227                       |
| 45           | KYR000052068 | DOW CORNING CDW SHEPHERDSVILLE KY            | SHEPHERDSVILLE | 222                       |
| 46           | KYR000007807 | CURTIS MARUYASU AMERICA INC                  | LEBANON        | 215                       |
| 47           | KYD981753155 | NRE ACQUISITION CO. LLC                      | PADUCAH        | 213                       |
| 48           | KYD092570407 | ESTRON CHEMICAL, INC.                        | CALVERT CITY   | 207                       |
| 49           | KYR000045849 | STELLA-JONES CORPORATION                     | FULTON         | 204                       |
| 50           | KYR000051086 | AMCOR FLEXIBLES, INC.                        | SHELBYVILLE    | 203                       |
| <b>Total</b> |              |  |                | <b>134,045</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## KENTUCKY

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 16,471                  | ONLY AN F CODE                | 6,874                   |  |                         |
| ONLY CORROSIVE                        | 1,062                   | ONLY A K CODE                 | 52,833                  |  |                         |
| ONLY REACTIVE                         | 6,463                   | ONLY A P CODE                 | 46                      |  |                         |
| ONLY D004-17                          | 21,774                  | ONLY A U CODE                 | 892                     |  |                         |
| ONLY D018-43                          | 1,935                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 19,056                  | HAS MORE THAN ONE LISTED CODE | 102                     |  |                         |
| <b>TOTAL</b>                          | <b>66,760</b>           | <b>TOTAL</b>                  | <b>60,747</b>           | <b>Both Characteristic and Listed</b>          | <b>14,732</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 6,882                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 9,944                   |
| HAS CORROSIVE CODE  | 11,794                  |   |                         | CORR. W/ AT LEAST 1 LSTD             | 3,603                   |
| HAS REACTIVE CODE   | 3,552                   |   |                         | REACT. W/ AT LEAST 1 LSTD            | 1,427                   |
| HAS D004-D017 CODE  | 13,769                  |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 4,550                   |
| HAS D018-D043 CODE  | 8,248                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 9,535                   |
|   |                         | HAS AN F CODE                           | 38                      | F WASTE W/ AT LEAST 1 CHAR           | 10,922                  |
|   |                         | HAS A K CODE                            | 63                      | K WASTE W/ AT LEAST 1 CHAR           | 4,575                   |
|   |                         | HAS A P CODE                            | 2                       | P WASTE W/ AT LEAST 1 CHAR           | 1,400                   |
|   |                         | HAS A U CODE                            | 102                     | U WASTE W/ AT LEAST 1 CHAR           | 3,624                   |
| <b>TOTAL</b>  | <b>19,056</b>           | <b>TOTAL</b>                            | <b>102</b>              | <b>TOTAL</b>                         | <b>14,732</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, F003, D008, D035, F005, D018, D003, D009

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 57,858         |
| 2            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 17,367         |
| 3            | 3251  | BASIC CHEMICAL MANUFACTURING   | 15,056         |
| 4            | 3313  | ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING                           | 10,450         |
| 5            | 3363  | MOTOR VEHICLE PARTS MANUFACTURING  | 9,787          |
| 6            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                               | 5,381          |
| 7            | 3261  | PLASTICS PRODUCT MANUFACTURING   | 4,245          |
| 8            | 2211  | ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION                 | 2,363          |
| 9            | 3361  | MOTOR VEHICLE MANUFACTURING  | 2,333          |
| 10           | 3312  | STEEL PRODUCT MANUFACTURING FROM PURCHASED STEEL                         | 2,279          |
| <b>Total</b> |       |  | <b>127,119</b> |

## KENTUCKY

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 34

9 Quantity of RCRA Hazardous Waste Managed: 477,841 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                     | City          | Tons of Waste Managed |
|--------------|--------------|---|---------------|-----------------------|
| 1            | KYD006371314 | LUBRIZOL ADVANCED MATERIALS, INC              | LOUISVILLE    | 362,387               |
| 2            | KYD053348108 | SAFETY-KLEEN SYSTEMS, INC.                    | SMITHFIELD    | 43,607                |
| 3            | KYD985072008 | WESTLAKE VINYL, INC.                          | CALVERT CITY  | 31,474                |
| 4            | KYD006390017 | ROHM AND HAAS - LOUISVILLE PLANT              | LOUISVILLE    | 15,317                |
| 5            | KYD985073196 | AES ENVIRONMENTAL, LLC                        | CALVERT CITY  | 7,415                 |
| 6            | KYD005009923 | CALGON CARBON CORPORATION                     | CATLETTSBURG  | 6,878                 |
| 7            | KYD042943985 | DOW CORNING CORPORATION                       | CARROLLTON    | 6,168                 |
| 8            | KYD006370159 | ARKEMA INC                                    | CALVERT CITY  | 2,505                 |
| 9            | KYD006373922 | ARKEMA INC                                    | CARROLLTON    | 695                   |
| 10           | KYD006388441 | COLOR COMPANY OF AMERICA                      | LOUISVILLE    | 452                   |
| 11           | KY8213820105 | BLUE GRASS ARMY DEPOT                         | RICHMOND      | 169                   |
| 12           | KYD985084201 | AEP INDUSTRIES INC                            | BOWLING GREEN | 141                   |
| 13           | KYD047812854 | CRANE COMPOSITES, INC.                        | FLORENCE      | 134                   |
| 14           | KYD981853187 | FET ENGINEERING, INC.                         | BARDSTOWN     | 132                   |
| 15           | KYD981753155 | NRE ACQUISITION CO. LLC                       | PADUCAH       | 95                    |
| 16           | KY0000920074 | UNITED PARCEL SERVICE, INC                    | LOUISVILLE    | 87                    |
| 17           | KYD068342708 | LINK-BELT CONSTRUCTION EQUIP. CO., L.P., LLLP | LEXINGTON     | 60                    |
| 18           | KYR000034207 | DAICEL SAFETY SYSTEMS AMERICA, LLC            | BEAVER DAM    | 25                    |
| 19           | KYR000043828 | REPUBLIC CONDUIT MANUFACTURING                | LOUISVILLE    | 19                    |
| 20           | KY0000940056 | AKEBONO BRAKE- GLASGOW PLANT                  | GLASGOW       | 14                    |
| 21           | KYR000033860 | PELLA CORPORATION -MURRAY OPERATIONS          | MURRAY        | 13                    |
| 22           | KYD056819287 | 3A COMPOSITES                                 | BENTON        | 9                     |
| 23           | KYR000021246 | TRELLEBORG ADHESIVE PLANT                     | MORGANFLD     | 9                     |
| 24           | KYR000007112 | BAE SYSTEMS                                   | LOUISVILLE    | 7                     |
| 25           | KYD026007450 | MOUSER CUSTOM CABINETRY LLC                   | ELIZABETHTOWN | 6                     |
| 26           | KYR000004424 | UNITED STATES ENRICHMENT CORPORATION          | KEVIL         | 5                     |
| 27           | KYR000000216 | TAUBENSEE STEEL & WIRE CO.                    | HENDERSON     | 5                     |
| 28           | KYD006516348 | PREMIUM ALLIED TOOL, INC                      | PHILPOT       | 4                     |
| 29           | KYD000830851 | UNIVERSITY OF KENTUCKY - ENVIRONMENTAL MA     | LEXINGTON     | 3                     |
| 30           | KYD044914356 | YKK SNAP FASTENERS AMERICA INC.               | LAWRENCEBURG  | 2                     |
| 31           | KYR000003764 | ENGINEERED POLYMER SOLUTIONS, INC. DBA VAL    | BOWLING GREEN | 1                     |
| 32           | KYD006375141 | CALDWELL TANKS, INC.                          | LOUISVILLE    | 1                     |
| 33           | KY8890008982 | U.S. DEPARTMENT OF ENERGY, PADUCAH GASEOI     | KEVIL         | 1                     |
| 34           | KYD981027469 | SAFETY-KLEEN SYSTEMS, INC                     | LEXINGTON     | 0                     |
| <b>Total</b> |              |   |               | <b>477,841</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## KENTUCKY

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 2                          | 0.0                       | 1                       | 2.9                         |
| AQUEOUS ORGANIC TREATMENT    | 31,474                     | 6.6                       | 1                       | 2.9                         |
| ENERGY RECOVERY              | 15,650                     | 3.3                       | 3                       | 8.8                         |
| FUEL BLENDING                | 43,265                     | 9.1                       | 1                       | 2.9                         |
| INCINERATION                 | 3,382                      | 0.7                       | 5                       | 14.7                        |
| LANDFILL/SURFACE IMPOUNDMENT | 17                         | 0.0                       | 2                       | 5.9                         |
| METALS RECOVERY              | 25                         | 0.0                       | 3                       | 8.8                         |
| OTHER DISPOSAL               | 7                          | 0.0                       | 2                       | 5.9                         |
| OTHER RECOVERY               | 6,951                      | 1.5                       | 2                       | 5.9                         |
| OTHER TREATMENT              | 370,687                    | 77.6                      | 12                      | 35.3                        |
| SOLVENTS RECOVERY            | 708                        | 0.1                       | 12                      | 35.3                        |
| STABILIZATION                | 5,671                      | 1.2                       | 3                       | 8.8                         |
|                              | 477,841                    | 100.0                     | 34                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT              | 370,687                    | 77.6                      | 12                      | 35.3                        |
| FUEL BLENDING                | 43,265                     | 9.1                       | 1                       | 2.9                         |
| AQUEOUS ORGANIC TREATMENT    | 31,474                     | 6.6                       | 1                       | 2.9                         |
| ENERGY RECOVERY              | 15,650                     | 3.3                       | 3                       | 8.8                         |
| OTHER RECOVERY               | 6,951                      | 1.5                       | 2                       | 5.9                         |
| STABILIZATION                | 5,671                      | 1.2                       | 3                       | 8.8                         |
| INCINERATION                 | 3,382                      | 0.7                       | 5                       | 14.7                        |
| SOLVENTS RECOVERY            | 708                        | 0.1                       | 12                      | 35.3                        |
| METALS RECOVERY              | 25                         | 0.0                       | 3                       | 8.8                         |
| LANDFILL/SURFACE IMPOUNDMENT | 17                         | 0.0                       | 2                       | 5.9                         |
| OTHER DISPOSAL               | 7                          | 0.0                       | 2                       | 5.9                         |
| AQUEOUS INORGANIC TREATMENT  | 2                          | 0.0                       | 1                       | 2.9                         |
|                              | 477,841                    | 100.0                     | 34                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT              | 370,687                    | 77.6                      | 12                      | 35.3                        |
| SOLVENTS RECOVERY            | 708                        | 0.1                       | 12                      | 35.3                        |
| INCINERATION                 | 3,382                      | 0.7                       | 5                       | 14.7                        |
| ENERGY RECOVERY              | 15,650                     | 3.3                       | 3                       | 8.8                         |
| STABILIZATION                | 5,671                      | 1.2                       | 3                       | 8.8                         |
| METALS RECOVERY              | 25                         | 0.0                       | 3                       | 8.8                         |
| OTHER DISPOSAL               | 7                          | 0.0                       | 2                       | 5.9                         |
| OTHER RECOVERY               | 6,951                      | 1.5                       | 2                       | 5.9                         |
| LANDFILL/SURFACE IMPOUNDMENT | 17                         | 0.0                       | 2                       | 5.9                         |
| AQUEOUS ORGANIC TREATMENT    | 31,474                     | 6.6                       | 1                       | 2.9                         |
| AQUEOUS INORGANIC TREATMENT  | 2                          | 0.0                       | 1                       | 2.9                         |
| FUEL BLENDING                | 43,265                     | 9.1                       | 1                       | 2.9                         |
|                              | 477,841                    | 100.0                     | 34                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, F005, D035, D018, D008, D007, D005, D006, D002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## KENTUCKY

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 264

16 Quantity of RCRA Hazardous Waste Shipped: 181,968

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City          | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|---------------|----------------------------|
| 1            | KYD053348108 | SAFETY-KLEEN SYSTEMS, INC.                  | SMITHFIELD    | 48,423                     |
| 2            | KYR000032045 | NORTH AMERICAN STAINLESS                    | GHENT         | 32,796                     |
| 3            | KYD985115237 | GALLATIN STEEL COMPANY                      | GHENT         | 23,759                     |
| 4            | KYD985073196 | AES ENVIRONMENTAL, LLC                      | CALVERT CITY  | 17,708                     |
| 5            | KYD981803554 | HITACHI AUTOMOTIVE SYSTEMS AMERICAS, INC.-B | BEREA         | 7,343                      |
| 6            | KYD049062375 | CENTURY ALUMINUM OF KENTUCKY                | HAWESVILLE    | 6,099                      |
| 7            | KYD058692526 | RIO TINTO ALCAN SEBREE WORKS                | ROBARDS       | 3,898                      |
| 8            | KYD082390394 | SHERWIN-WILLIAMS                            | RICHMOND      | 3,691                      |
| 9            | KYR000011718 | MCKECHNIE VEHICLE COMPONENTS TRIM, INC.     | MOREHEAD      | 3,550                      |
| 10           | KY1640013156 | TVA PARADISE FOSSIL PLANT                   | DRAKESBORO    | 2,288                      |
| 11           | KYR000029827 | ATLANTIC RICHFIELD COMPANY                  | HENDERSON     | 2,236                      |
| 12           | KYD041376138 | CATLETTSBURG REFINING, LLC                  | CATLETTSBURG  | 2,186                      |
| 13           | KYR000043828 | REPUBLIC CONDUIT MANUFACTURING              | LOUISVILLE    | 1,926                      |
| 14           | KYD005009923 | CALGON CARBON CORPORATION                   | CATLETTSBURG  | 1,360                      |
| 15           | KYD042943985 | DOW CORNING CORPORATION                     | CARROLLTON    | 1,247                      |
| 16           | KYD161955380 | TOYOTA MOTOR MANUFACTURING, KENTUCKY, INC.  | GEORGETOWN    | 1,240                      |
| 17           | KYD000648279 | MCKECHNIE VEHICLE COMPONENTS (MVC)          | NICHOLASVILLE | 938                        |
| 18           | KYR000051474 | KENTUCKY CHROME WORKS                       | HORSE CAVE    | 934                        |
| 19           | KYD006396246 | ARCH CHEMICALS, INC., FULLY OWNED SUBSIDIAR | BRANDENBURG   | 844                        |
| 20           | KYD981753197 | AKEBONO BRAKE CORPORATION - ELIZABETHTOW    | ELIZABETHTOWN | 785                        |
| 21           | KYD006390017 | ROHM AND HAAS - LOUISVILLE PLANT            | LOUISVILLE    | 749                        |
| 22           | KYD053351227 | FORD MOTOR COMPANY - KY TRUCK PLANT         | LOUISVILLE    | 714                        |
| 23           | KYD000207282 | KENTUCKY ELECTRIC STEEL                     | ASHLAND       | 630                        |
| 24           | KYD053350229 | R.T. VANDERBILT CO., INC. - MURRAY DIVISION | MURRAY        | 606                        |
| 25           | KYD003924198 | E. I. DU PONT DE NEMOURS & COMPANY          | LOUISVILLE    | 600                        |
| 26           | KYD985072008 | WESTLAKE VINYL, INC.                        | CALVERT CITY  | 594                        |
| 27           | KYR000028225 | AMFINE CHEMICAL CORPORATION                 | HOPKINSVILLE  | 584                        |
| 28           | KYD006370175 | ISP CHEMICALS LLC.                          | CALVERT CITY  | 533                        |
| 29           | KYD049465255 | HUNTINGTON ALLOYS CORPORATION, A SPECIAL I  | CATLETTSBURG  | 479                        |
| 30           | KYD005013032 | AK STEEL CORPORATION-COKE PLANT             | ASHLAND       | 470                        |
| 31           | KYD046655064 | AMERICAN FUJI SEAL INC.                     | BARDSTOWN     | 444                        |
| 32           | KYD055832091 | MOMENTIVE SPECIALTY CHEMICALS INC           | LOUISVILLE    | 395                        |
| 33           | KYR000052936 | BRIANS BATTERY LLC                          | COLDIRON      | 375                        |
| 34           | KYD055831838 | AIR PRODUCTS AND CHEMICALS, INC.            | CALVERT CITY  | 358                        |
| 35           | KYD006382253 | PPG INDUSTRIES INC                          | LOUISVILLE    | 336                        |
| 36           | KYR000047357 | SAYLOR MINE BATTERY, INC.                   | BAXTER        | 308                        |
| 37           | KYD074060039 | EBONITE INTERNATIONAL, INC.                 | HOPKINSVILLE  | 303                        |
| 38           | KYD006388797 | CORNING INCORPORATED                        | HARRODSBURG   | 282                        |
| 39           | KYD053349593 | PPG ARCHITECTURAL FINISHES, INC.            | LOUISVILLE    | 274                        |
| 40           | KYD071315899 | FORD MOTOR CO. - LOUISVILLE ASSEMBLY        | LOUISVILLE    | 247                        |
| 41           | KYD070219571 | ENERSYS                                     | RICHMOND      | 228                        |
| 42           | KYD985116409 | FELKER BROTHERS                             | GLASGOW       | 227                        |
| 43           | KYR000007807 | CURTIS MARUYASU AMERICA INC                 | LEBANON       | 215                        |
| 44           | KYD092570407 | ESTRON CHEMICAL, INC.                       | CALVERT CITY  | 207                        |
| 45           | KYR000045849 | STELLA-JONES CORPORATION                    | FULTON        | 204                        |
| 46           | KYR000051086 | AMCOR FLEXIBLES, INC.                       | SHELBYVILLE   | 203                        |
| 47           | KYD084758069 | AVANTOR PERFORMANCE MATERIALS, INC.         | PARIS         | 202                        |
| 48           | KYR000016360 | AIR PRODUCTS AND CHEMICALS INC - DRAFFEN'S  | CALVERT CITY  | 190                        |
| 49           | KYD006397491 | DOW CORNING CORPORATION                     | ELIZABETHTOWN | 180                        |
| 50           | KYD044914356 | YKK SNAP FASTENERS AMERICA INC.             | LAWRENCEBURG  | 178                        |
| <b>Total</b> |              |   |               | <b>174,566</b>             |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## KENTUCKY

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 9

19 Quantity of RCRA Hazardous Waste Received: 106,383 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City         | Quantity Received<br>(Tons) |
|--------------|--------------|---|--------------|-----------------------------|
| 1            | KYD053348108 | SAFETY-KLEEN SYSTEMS, INC.                  | SMITHFIELD   | 47,672                      |
| 2            | KYD985072008 | WESTLAKE VINYL, INC.                        | CALVERT CITY | 31,474                      |
| 3            | KYD985073196 | AES ENVIRONMENTAL, LLC                      | CALVERT CITY | 20,178                      |
| 4            | KYD005009923 | CALGON CARBON CORPORATION                   | CATLETTSBURG | 6,878                       |
| 5            | KYD006373922 | ARKEMA INC                                  | CARROLLTON   | 129                         |
| 6            | KYD981027469 | SAFETY-KLEEN SYSTEMS, INC                   | LEXINGTON    | 35                          |
| 7            | KY0001012012 | UNIVERSITY OF LOUISVILLE - EPSC             | LOUISVILLE   | 13                          |
| 8            | KY8890008982 | U.S. DEPARTMENT OF ENERGY, PADUCAH GASEOUS  | KEVIL        | 3                           |
| 9            | KYD000830851 | UNIVERSITY OF KENTUCKY - ENVIRONMENTAL MANA | LEXINGTON    | 0                           |
| <b>Total</b> |              |   |              | <b>106,383</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## KENTUCKY

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 2                          | 0.0                       | 1                       | 11.1                        |
| AQUEOUS ORGANIC TREATMENT    | 31,474                     | 29.6                      | 1                       | 11.1                        |
| ENERGY RECOVERY              | 333                        | 0.3                       | 1                       | 11.1                        |
| FUEL BLENDING                | 43,265                     | 40.7                      | 1                       | 11.1                        |
| INCINERATION                 | 143                        | 0.1                       | 3                       | 33.3                        |
| LANDFILL/SURFACE IMPOUNDMENT | 12                         | 0.0                       | 1                       | 11.1                        |
| METALS RECOVERY              | 1                          | 0.0                       | 1                       | 11.1                        |
| OTHER DISPOSAL               | 0                          | 0.0                       | 1                       | 11.1                        |
| OTHER RECOVERY               | 6,856                      | 6.4                       | 1                       | 11.1                        |
| OTHER TREATMENT              | 1,857                      | 1.7                       | 1                       | 11.1                        |
| SOLVENTS RECOVERY            | 2                          | 0.0                       | 2                       | 22.2                        |
| STABILIZATION                | 5,558                      | 5.2                       | 1                       | 11.1                        |
| STORAGE AND/OR TRANSFER      | 16,880                     | 15.9                      | 6                       | 66.7                        |
|                              | 106,383                    | 100.0                     | 9                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING                | 43,265                     | 40.7                      | 1                       | 11.1                        |
| AQUEOUS ORGANIC TREATMENT    | 31,474                     | 29.6                      | 1                       | 11.1                        |
| STORAGE AND/OR TRANSFER      | 16,880                     | 15.9                      | 6                       | 66.7                        |
| OTHER RECOVERY               | 6,856                      | 6.4                       | 1                       | 11.1                        |
| STABILIZATION                | 5,558                      | 5.2                       | 1                       | 11.1                        |
| OTHER TREATMENT              | 1,857                      | 1.7                       | 1                       | 11.1                        |
| ENERGY RECOVERY              | 333                        | 0.3                       | 1                       | 11.1                        |
| INCINERATION                 | 143                        | 0.1                       | 3                       | 33.3                        |
| LANDFILL/SURFACE IMPOUNDMENT | 12                         | 0.0                       | 1                       | 11.1                        |
| AQUEOUS INORGANIC TREATMENT  | 2                          | 0.0                       | 1                       | 11.1                        |
| SOLVENTS RECOVERY            | 2                          | 0.0                       | 2                       | 22.2                        |
| METALS RECOVERY              | 1                          | 0.0                       | 1                       | 11.1                        |
| OTHER DISPOSAL               | 0                          | 0.0                       | 1                       | 11.1                        |
|                              | 106,383                    | 100.0                     | 9                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 16,880                     | 15.9                      | 6                       | 66.7                        |
| INCINERATION                 | 143                        | 0.1                       | 3                       | 33.3                        |
| SOLVENTS RECOVERY            | 2                          | 0.0                       | 2                       | 22.2                        |
| STABILIZATION                | 5,558                      | 5.2                       | 1                       | 11.1                        |
| AQUEOUS ORGANIC TREATMENT    | 31,474                     | 29.6                      | 1                       | 11.1                        |
| AQUEOUS INORGANIC TREATMENT  | 2                          | 0.0                       | 1                       | 11.1                        |
| OTHER DISPOSAL               | 0                          | 0.0                       | 1                       | 11.1                        |
| METALS RECOVERY              | 1                          | 0.0                       | 1                       | 11.1                        |
| FUEL BLENDING                | 43,265                     | 40.7                      | 1                       | 11.1                        |
| OTHER RECOVERY               | 6,856                      | 6.4                       | 1                       | 11.1                        |
| OTHER TREATMENT              | 1,857                      | 1.7                       | 1                       | 11.1                        |
| LANDFILL/SURFACE IMPOUNDMENT | 12                         | 0.0                       | 1                       | 11.1                        |
| ENERGY RECOVERY              | 333                        | 0.3                       | 1                       | 11.1                        |
|                              | 106,383                    | 100.0                     | 9                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**KENTUCKY**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 160,636 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 69,341 Tons

**26 Kentucky Interstate Shipment / Receipts (As reported by Kentucky):**

The State to which Kentucky shipped the largest quantity of waste was Indiana (62,623 tons).

The State that shipped the largest quantity of waste to Kentucky was Ohio (9,786 tons).

## LOUISIANA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 369

2 Quantity of RCRA Hazardous Waste Generated: 4,399,520 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                      | City           | Total Generated<br>(Tons) |
|--------------|--------------|--|----------------|---------------------------|
| 1            | LAD008213191 | RUBICON LLC                                    | GEISMAR        | 2,170,824                 |
| 2            | LAD008175390 | CORNERSTONE CHEMICAL COMPANY                   | WAGGAMAN       | 1,404,152                 |
| 3            | LAR000057828 | EVONIK CYRO LLC                                | WAGGAMAN       | 265,866                   |
| 4            | LAD020597597 | ANGUS CHEMICAL COMPANY                         | STERLINGTON    | 137,869                   |
| 5            | LAD980622104 | MOMENTIVE SPECIALTY CHEMICALS INC.             | NORCO          | 77,190                    |
| 6            | LAD001890367 | E.I. DUPONT DE NEMOURS & CO - PONTCHARTRAIN    | LAPLACE        | 42,253                    |
| 7            | LAR000063263 | KEMIRA WATER SOLUTIONS INC.                    | WAGGAMAN       | 41,509                    |
| 8            | LAD008086506 | PPG INDUSTRIES, INC                            | WESTLAKE       | 29,901                    |
| 9            | LAD008058471 | VALERO REFINING - MERAUX L.L.C.                | NERAUX         | 28,841                    |
| 10           | LAD057117434 | GEORGIA GULF CHEMICALS & VINYLs, LLC           | PLAQUEMINE     | 26,829                    |
| 11           | LAD040776809 | BASF GEISMAR SITE                              | GEISMAR        | 25,923                    |
| 12           | LAD008187080 | PLAQUEMINE THE DOW CHEMICAL COMPANY            | PLAQUEMINE     | 19,905                    |
| 13           | LAD000777201 | CHEMICAL WASTE MANAGEMENT                      | SULPHUR        | 10,653                    |
| 14           | LAD980622161 | CATALYST RECOVERY OF LA, LLC                   | LAFAYETTE      | 9,958                     |
| 15           | LAD092681824 | OCCIDENTAL CHEMICAL CORPORATION GEISMAR F      | GEISMAR        | 8,810                     |
| 16           | LAD065485146 | MOTIVA ENTERPRISES LLC CONVENT REFINERY        | CONVENT        | 7,012                     |
| 17           | LAD000618256 | CECOS INTERNATIONAL, INC. - CALCASIEU FACILITY | SULPHUR        | 5,924                     |
| 18           | LAD000812818 | EMCC, A DIV OF EXXONMOBIL CORP.                | BATON ROUGE    | 5,756                     |
| 19           | LAD990683716 | CONOCOPHILLIPS, LAKE CHARLES REFINERY          | WESTLAKE       | 5,514                     |
| 20           | LAD094919339 | ARCELORMITTAL LAPLACE LLC                      | LAPLACE        | 5,426                     |
| 21           | LAD053783445 | SYNGENTA CROP PROTECTION, LLC                  | ST GABRIEL     | 5,410                     |
| 22           | LAD050901669 | NALCO COMPANY                                  | GARYVILLE      | 4,172                     |
| 23           | LAD085551877 | TAMINCO INC.                                   | ST GABRIEL     | 3,430                     |
| 24           | LAD041581422 | TAFT/STAR MANUFACTURING PLANT UNION CARBID     | TAFT           | 2,818                     |
| 25           | LAR000063172 | MULTI-CHEM GROUP NEW IBERIA FACILITY           | NEW IBERIA     | 2,703                     |
| 26           | LAD057109449 | UOP LLC  | SHREVEPORT     | 2,284                     |
| 27           | LAD981522048 | WESTLAKE POLYMERS, LP                          | SULPHUR        | 2,265                     |
| 28           | LAD000802868 | HONEYWELL INTERNATIONAL, BATON ROUGE           | BATON ROUGE    | 2,199                     |
| 29           | LAD041519067 | HONEYWELL INTERNATIONAL INC. - GEISMAR PLANT   | CARVILLE       | 1,996                     |
| 30           | LAD000757286 | ALBEMARLE CORPORATION PDC                      | BATON ROUGE    | 1,780                     |
| 31           | LAD008080350 | CITGO PETROLEUM CORPORATION                    | SULPHUR        | 1,744                     |
| 32           | LAR000062141 | BASF DINITROTOLUENE PLANT                      | GEISMAR        | 1,698                     |
| 33           | LAD008073439 | FIRESTONE POLYMERS, LLC                        | SULPHUR        | 1,604                     |
| 34           | LAD000132167 | T. T. BARGE SERVICES MILE 237, LLC             | PORT ALLEN     | 1,523                     |
| 35           | LAD085551810 | HOBSON GALVANIZING DIVISION                    | BELLE CHASSE   | 1,336                     |
| 36           | LAD062662887 | EXXONMOBIL BATON ROUGE REFINERY                | BATON ROUGE    | 1,334                     |
| 37           | LAD980870794 | T. T. BARGE CLEANING MILE 183, INC.            | DONALDSONVILLE | 1,293                     |
| 38           | LAR000041087 | LCCC   | WESTLAKE       | 1,251                     |
| 39           | LAD008186579 | MOTIVA ENTERPRISES LLC - NORCO REFINERY        | NORCO          | 1,164                     |
| 40           | LAD098598360 | WESTSIDE GALVANIZING SERVICES                  | PORT ALLEN     | 1,104                     |
| 41           | LAD982294068 | INTERNATIONAL MATEX TANK TERMINALS             | ST ROSE        | 1,100                     |
| 42           | LAD008161234 | RHODIA, INC.                                   | BATON ROUGE    | 997                       |
| 43           | LAD003913183 | SHELL CHEMICAL LP                              | GEISMAR        | 974                       |
| 44           | LAD098168206 | OCCIDENTAL CHEMICAL CORPORATION                | CONVENT        | 927                       |
| 45           | LAD008103111 | CARBOLINE COMPANY                              | LAKE CHARLES   | 850                       |
| 46           | LAD008179707 | CHALMETTE REFINING LLC                         | CHALMETTE      | 843                       |
| 47           | LAD000225862 | VALERO REFINING-NEW ORLEANS LLC - ST. CHARLE   | NORCO          | 749                       |
| 48           | LAR000053413 | CHAMPION TECHNOLOGIES - BROUSSARD              | BROUSSARD      | 668                       |
| 49           | LAD985184761 | WESTLAKE PETROCHEMICALS, LP                    | SULPHUR        | 626                       |
| 50           | LAD985196013 | AIR PRODUCTS PERFORMANCE MANUFACTURING IN      | RESERVE        | 581                       |
| <b>Total</b> |              |  |                | <b>4,381,537</b>          |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## LOUISIANA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 23,306                  | ONLY AN F CODE                | 3,199                   |  |                         |
| ONLY CORROSIVE                        | 230,632                 | ONLY A K CODE                 | 30,921                  |  |                         |
| ONLY REACTIVE                         | 215                     | ONLY A P CODE                 | 52                      |  |                         |
| ONLY D004-17                          | 10,119                  | ONLY A U CODE                 | 1,076                   |  |                         |
| ONLY D018-43                          | 13,915                  |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 607,525                 | HAS MORE THAN ONE LISTED CODE | 31,953                  |  |                         |
| <b>TOTAL</b>                          | <b>885,712</b>          | <b>TOTAL</b>                  | <b>67,200</b>           | <b>Both Characteristic and Listed</b>          | <b>3,446,606</b>        |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 31,833                  |   |                         | IGN. W/ AT LEAST 1 LSTD              | 115,295                 |
| HAS CORROSIVE CODE  | 589,592                 |   |                         | CORR. W/ AT LEAST 1 LSTD             | 1,674,461               |
| HAS REACTIVE CODE   | 166                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 1,120,875               |
| HAS D004-D017 CODE  | 13,785                  |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 31,410                  |
| HAS D018-D043 CODE  | 587,639                 |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 3,383,484               |
|   |                         | HAS AN F CODE                           | 31,595                  | F WASTE W/ AT LEAST 1 CHAR           | 1,710,380               |
|   |                         | HAS A K CODE                            | 31,951                  | K WASTE W/ AT LEAST 1 CHAR           | 3,345,545               |
|   |                         | HAS A P CODE                            | 462                     | P WASTE W/ AT LEAST 1 CHAR           | 1,120,788               |
|   |                         | HAS A U CODE                            | 2,175                   | U WASTE W/ AT LEAST 1 CHAR           | 2,743,993               |
| <b>TOTAL</b>  | <b>607,525</b>          | <b>TOTAL</b>                            | <b>31,953</b>           | <b>TOTAL</b>                         | <b>3,446,606</b>        |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, D018, F005, D007, D035, D008, D009, D039

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated   |
|--------------|-------|--|------------------|
| 1            | 3251  | BASIC CHEMICAL MANUFACTURING   | 4,244,289        |
| 2            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                                | 49,071           |
| 3            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 47,029           |
| 4            | 5622  | WASTE TREATMENT AND DISPOSAL   | 17,774           |
| 5            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                     | 15,141           |
| 6            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 5,426            |
| 7            | 4246  | CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS                        | 4,002            |
| 8            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 3,278            |
| 9            | 4883  | SUPPORT ACTIVITIES FOR WATER TRANSPORTATION                              | 2,877            |
| 10           | 4931  | WAREHOUSING AND STORAGE  | 2,019            |
| <b>Total</b> |       |  | <b>4,390,906</b> |

## LOUISIANA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 30

9 Quantity of RCRA Hazardous Waste Managed: 4,350,349 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City         | Tons of Waste Managed |
|--------------|--------------|--|--------------|-----------------------|
| 1            | LAD008213191 | RUBICON LLC                                  | GEISMAR      | 2,170,065             |
| 2            | LAD008175390 | CORNERSTONE CHEMICAL COMPANY                 | WAGGAMAN     | 1,710,925             |
| 3            | LAD020597597 | ANGUS CHEMICAL COMPANY                       | STERLINGTON  | 137,694               |
| 4            | LAD000777201 | CHEMICAL WASTE MANAGEMENT                    | SULPHUR      | 66,025                |
| 5            | LAR000042226 | SHELL NORCO CHEMICAL PLANT-WEST SITE         | NORCO        | 56,382                |
| 6            | LAD001890367 | E.I. DUPONT DE NEMOURS & CO - PONTCHARTRAI   | LAPLACE      | 41,970                |
| 7            | LAD008058471 | VALERO REFINING - MERAUX L.L.C.              | NERAUX       | 28,685                |
| 8            | LAD008086506 | PPG INDUSTRIES, INC                          | WESTLAKE     | 26,307                |
| 9            | LAD008161234 | RHODIA, INC.                                 | BATON ROUGE  | 22,444                |
| 10           | LAD980622104 | MOMENTIVE SPECIALTY CHEMICALS INC.           | NORCO        | 20,439                |
| 11           | LAD008187080 | PLAQUEMINE THE DOW CHEMICAL COMPANY          | PLAQUEMINE   | 18,780                |
| 12           | LAD057117434 | GEORGIA GULF CHEMICALS & VINYLs, LLC         | PLAQUEMINE   | 14,501                |
| 13           | LAD040776809 | BASF GEISMAR SITE                            | GEISMAR      | 8,182                 |
| 14           | LAD980622161 | CATALYST RECOVERY OF LA, LLC                 | LAFAYETTE    | 7,905                 |
| 15           | LAD000618256 | CECOS INTERNATIONAL, INC. - CALCASIEU FACILI | SULPHUR      | 5,848                 |
| 16           | LAD092681824 | OCCIDENTAL CHEMICAL CORPORATION GEISMAR      | GEISMAR      | 5,027                 |
| 17           | LAD050901669 | NALCO COMPANY                                | GARYVILLE    | 4,075                 |
| 18           | LA0000365668 | LAMP RECYCLERS OF LOUISIANA, INC., DBA LAMP  | HAMMOND      | 2,832                 |
| 19           | LAD010395127 | CLEAN HARBORS BATON ROUGE                    | BATON ROUGE  | 1,593                 |
| 20           | LAD981055791 | CLEAN HARBORS COLFAX, LLC                    | COLFAX       | 505                   |
| 21           | LAD067023333 | PRINTPACK, INC.                              | SHREVEPORT   | 111                   |
| 22           | LAD062666540 | PIONEER AMERICAS LLC D/B/A OLIN CHLOR ALKAL  | ST GABRIEL   | 49                    |
| 23           | LAR000058263 | TARGET STORE #T0167                          | ALEXANDRIA   | 1                     |
| 24           | LAR000059717 | TARGET STORE #T1369                          | BATON ROUGE  | 1                     |
| 25           | LAR000058255 | TARGET STORE #T1347                          | SHREVEPORT   | 0                     |
| 26           | LAD079464095 | CROWLEY DISPOSAL LLC                         | RAYNE        | 0                     |
| 27           | LA0214022725 | U.S. ARMY, FORT POLK                         | FORT POLK    | 0                     |
| 28           | LAR000064667 | TARGET STORE #T2273                          | BOSSIER CITY | 0                     |
| 29           | LAR000072223 | EXPLO SYSTEMS, INC.                          | MINDEN       | 0                     |
| 30           | LAR000066233 | TARGET STORE #T2377                          | LAFAYETTE    | 0                     |
| <b>Total</b> |              |  |              | <b>4,350,349</b>      |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## LOUISIANA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT         | 4,075                      | 0.1                       | 1                       | 3.3                         |
| DEEPWELL OR UNDERGROUND INJECTION | 4,050,707                  | 93.1                      | 5                       | 16.7                        |
| ENERGY RECOVERY                   | 68,313                     | 1.6                       | 7                       | 23.3                        |
| INCINERATION                      | 41,374                     | 1.0                       | 7                       | 23.3                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 66,025                     | 1.5                       | 1                       | 3.3                         |
| METALS RECOVERY                   | 716                        | 0.0                       | 1                       | 3.3                         |
| OTHER DISPOSAL                    | 1,596                      | 0.0                       | 6                       | 20.0                        |
| OTHER RECOVERY                    | 28,115                     | 0.6                       | 3                       | 10.0                        |
| OTHER TREATMENT                   | 59,768                     | 1.4                       | 5                       | 16.7                        |
| SLUDGE TREATMENT                  | 29,549                     | 0.7                       | 2                       | 6.7                         |
| SOLVENTS RECOVERY                 | 111                        | 0.0                       | 1                       | 3.3                         |
|                                   | 4,350,349                  | 100.0                     | 30                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| DEEPWELL OR UNDERGROUND INJECTION | 4,050,707                  | 93.1                      | 5                       | 16.7                        |
| ENERGY RECOVERY                   | 68,313                     | 1.6                       | 7                       | 23.3                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 66,025                     | 1.5                       | 1                       | 3.3                         |
| OTHER TREATMENT                   | 59,768                     | 1.4                       | 5                       | 16.7                        |
| INCINERATION                      | 41,374                     | 1.0                       | 7                       | 23.3                        |
| SLUDGE TREATMENT                  | 29,549                     | 0.7                       | 2                       | 6.7                         |
| OTHER RECOVERY                    | 28,115                     | 0.6                       | 3                       | 10.0                        |
| AQUEOUS ORGANIC TREATMENT         | 4,075                      | 0.1                       | 1                       | 3.3                         |
| OTHER DISPOSAL                    | 1,596                      | 0.0                       | 6                       | 20.0                        |
| METALS RECOVERY                   | 716                        | 0.0                       | 1                       | 3.3                         |
| SOLVENTS RECOVERY                 | 111                        | 0.0                       | 1                       | 3.3                         |
|                                   | 4,350,349                  | 100.0                     | 30                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION                      | 41,374                     | 1.0                       | 7                       | 23.3                        |
| ENERGY RECOVERY                   | 68,313                     | 1.6                       | 7                       | 23.3                        |
| OTHER DISPOSAL                    | 1,596                      | 0.0                       | 6                       | 20.0                        |
| OTHER TREATMENT                   | 59,768                     | 1.4                       | 5                       | 16.7                        |
| DEEPWELL OR UNDERGROUND INJECTION | 4,050,707                  | 93.1                      | 5                       | 16.7                        |
| OTHER RECOVERY                    | 28,115                     | 0.6                       | 3                       | 10.0                        |
| SLUDGE TREATMENT                  | 29,549                     | 0.7                       | 2                       | 6.7                         |
| LANDFILL/SURFACE IMPOUNDMENT      | 66,025                     | 1.5                       | 1                       | 3.3                         |
| AQUEOUS ORGANIC TREATMENT         | 4,075                      | 0.1                       | 1                       | 3.3                         |
| SOLVENTS RECOVERY                 | 111                        | 0.0                       | 1                       | 3.3                         |
| METALS RECOVERY                   | 716                        | 0.0                       | 1                       | 3.3                         |
|                                   | 4,350,349                  | 100.0                     | 30                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D003, D008, D007, D006, D005, F003, F005, D035, D018, F002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## LOUISIANA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 367

16 Quantity of RCRA Hazardous Waste Shipped: 516,470

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                    | City           | Quantity Shipped<br>(Tons) |
|-------|--------------|--|----------------|----------------------------|
| 1     | LAR000057828 | EVONIK CYRO LLC                              | WAGGAMAN       | 265,866                    |
| 2     | LAD980622104 | MOMENTIVE SPECIALTY CHEMICALS INC.           | NORCO          | 56,751                     |
| 3     | LAR000063263 | KEMIRA WATER SOLUTIONS INC.                  | WAGGAMAN       | 41,509                     |
| 4     | LAD040776809 | BASF GEISMAR SITE                            | GEISMAR        | 17,741                     |
| 5     | LAD057117434 | GEORGIA GULF CHEMICALS & VINYLs, LLC         | PLAQUEMINE     | 12,544                     |
| 6     | LAD000777201 | CHEMICAL WASTE MANAGEMENT                    | SULPHUR        | 11,562                     |
| 7     | LAD980622161 | CATALYST RECOVERY OF LA, LLC                 | LAFAYETTE      | 8,372                      |
| 8     | LAD065485146 | MOTIVA ENTERPRISES LLC CONVENT REFINERY      | CONVENT        | 7,012                      |
| 9     | LAD000812818 | EMCC, A DIV OF EXXONMOBIL CORP.              | BATON ROUGE    | 5,832                      |
| 10    | LAD094919339 | ARCELORMITTAL LAPLACE LLC                    | LAPLACE        | 5,426                      |
| 11    | LAD053783445 | SYNGENTA CROP PROTECTION, LLC                | ST GABRIEL     | 5,369                      |
| 12    | LAD990683716 | CONOCOPHILLIPS, LAKE CHARLES REFINERY        | WESTLAKE       | 5,282                      |
| 13    | LAD085551877 | TAMINCO INC.                                 | ST GABRIEL     | 4,025                      |
| 14    | LAD092681824 | OCCIDENTAL CHEMICAL CORPORATION GEISMAR I    | GEISMAR        | 3,783                      |
| 15    | LAD008086506 | PPG INDUSTRIES, INC                          | WESTLAKE       | 3,593                      |
| 16    | LAD041581422 | TAFT/STAR MANUFACTURING PLANT UNION CARBID   | TAFT           | 2,799                      |
| 17    | LAR000063172 | MULTI-CHEM GROUP NEW IBERIA FACILITY         | NEW IBERIA     | 2,703                      |
| 18    | LAD057109449 | UOP LLC                                      | SHREVEPORT     | 2,284                      |
| 19    | LAD981522048 | WESTLAKE POLYMERS, LP                        | SULPHUR        | 2,265                      |
| 20    | LAD000802868 | HONEYWELL INTERNATIONAL, BATON ROUGE         | BATON ROUGE    | 2,219                      |
| 21    | LAD041519067 | HONEYWELL INTERNATIONAL INC. - GEISMAR PLANT | CARVILLE       | 1,996                      |
| 22    | LAD000757286 | ALBEMARLE CORPORATION PDC                    | BATON ROUGE    | 1,780                      |
| 23    | LAD008080350 | CITGO PETROLEUM CORPORATION                  | SULPHUR        | 1,744                      |
| 24    | LAR000062141 | BASF DINITROTOLUENE PLANT                    | GEISMAR        | 1,698                      |
| 25    | LAD008213191 | RUBICON LLC                                  | GEISMAR        | 1,621                      |
| 26    | LAD008073439 | FIRESTONE POLYMERS, LLC                      | SULPHUR        | 1,604                      |
| 27    | LAD000132167 | T. T. BARGE SERVICES MILE 237, LLC           | PORT ALLEN     | 1,523                      |
| 28    | LAD010395127 | CLEAN HARBORS BATON ROUGE                    | BATON ROUGE    | 1,481                      |
| 29    | LAD085551810 | HOBSON GALVANIZING DIVISION                  | BELLE CHASSE   | 1,336                      |
| 30    | LAD062662887 | EXXONMOBIL BATON ROUGE REFINERY              | BATON ROUGE    | 1,334                      |
| 31    | LAD980870794 | T. T. BARGE CLEANING MILE 183, INC.          | DONALDSONVILLE | 1,293                      |
| 32    | LAR000041087 | LCCC   | WESTLAKE       | 1,251                      |
| 33    | LAD008186579 | MOTIVA ENTERPRISES LLC - NORCO REFINERY      | NORCO          | 1,164                      |
| 34    | LAD008187080 | PLAQUEMINE THE DOW CHEMICAL COMPANY          | PLAQUEMINE     | 1,125                      |
| 35    | LAD098598360 | WESTSIDE GALVANIZING SERVICES                | PORT ALLEN     | 1,104                      |
| 36    | LAD982294068 | INTERNATIONAL MATEX TANK TERMINALS           | ST ROSE        | 1,100                      |
| 37    | LAD003913183 | SHELL CHEMICAL LP                            | GEISMAR        | 974                        |
| 38    | LAD098168206 | OCCIDENTAL CHEMICAL CORPORATION              | CONVENT        | 927                        |
| 39    | LAD008103111 | CARBOLINE COMPANY                            | LAKE CHARLES   | 850                        |
| 40    | LAD008161234 | RHODIA, INC.                                 | BATON ROUGE    | 848                        |
| 41    | LAD008179707 | CHALMETTE REFINING LLC                       | CHALMETTE      | 843                        |
| 42    | LAD000225862 | VALERO REFINING-NEW ORLEANS LLC - ST. CHARL  | NORCO          | 749                        |
| 43    | LAR000053413 | CHAMPION TECHNOLOGIES - BROUSSARD            | BROUSSARD      | 668                        |
| 44    | LAD985184761 | WESTLAKE PETROCHEMICALS, LP                  | SULPHUR        | 626                        |
| 45    | LAD985196013 | AIR PRODUCTS PERFORMANCE MANUFACTURING       | RESERVE        | 581                        |
| 46    | LAD034199802 | CHEVRON ORONITE COMPANY, LLC                 | BELLE CHASSE   | 557                        |
| 47    | LAD008175390 | CORNERSTONE CHEMICAL COMPANY                 | WAGGAMAN       | 524                        |
| 48    | LAD000618298 | CECOS INTERNATIONAL INC. LIVINGSTON FACILITY | LIVINGSTON     | 517                        |
| 49    | LAD096040712 | LBC BATON ROUGE LLC                          | SUNSHINE       | 508                        |
| 50    | LAD081999724 | MARATHON PETROLEUM COMPANY LP - LRD          | GARYVILLE      | 503                        |
| Total |              |  |                | 499,767                    |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## LOUISIANA

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 10

19 Quantity of RCRA Hazardous Waste Received: 486,260 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank  | EPA ID       | Site Name                                      | City        | Quantity Received<br>(Tons) |
|-------|--------------|--|-------------|-----------------------------|
| 1     | LAD008175390 | CORNERSTONE CHEMICAL COMPANY                   | WAGGAMAN    | 307,297                     |
| 2     | LAD000777201 | CHEMICAL WASTE MANAGEMENT                      | SULPHUR     | 66,428                      |
| 3     | LAR000042226 | SHELL NORCO CHEMICAL PLANT-WEST SITE           | NORCO       | 56,382                      |
| 4     | LAD010395127 | CLEAN HARBORS BATON ROUGE                      | BATON ROUGE | 24,158                      |
| 5     | LAD008161234 | RHODIA, INC.                                   | BATON ROUGE | 22,295                      |
| 6     | LAD980622161 | CATALYST RECOVERY OF LA, LLC                   | LAFAYETTE   | 6,298                       |
| 7     | LA0000365668 | LAMP RECYCLERS OF LOUISIANA, INC., DBA LAMP EN | HAMMOND     | 2,895                       |
| 8     | LAD981055791 | CLEAN HARBORS COLFAX, LLC                      | COLFAX      | 505                         |
| 9     | LAD000618256 | CECOS INTERNATIONAL, INC. - CALCASIEU FACILITY | SULPHUR     | 1                           |
| 10    | LAD079464095 | CROWLEY DISPOSAL LLC                           | RAYNE       | 0                           |
| Total |              |  |             | 486,260                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## LOUISIANA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| DEEPWELL OR UNDERGROUND INJECTION | 307,298                    | 63.2                      | 2                       | 20.0                        |
| ENERGY RECOVERY                   | 22,030                     | 4.5                       | 2                       | 20.0                        |
| INCINERATION                      | 265                        | 0.1                       | 2                       | 20.0                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 65,562                     | 13.5                      | 1                       | 10.0                        |
| OTHER DISPOSAL                    | 1,545                      | 0.3                       | 1                       | 10.0                        |
| OTHER RECOVERY                    | 6,298                      | 1.3                       | 1                       | 10.0                        |
| OTHER TREATMENT                   | 59,719                     | 12.3                      | 3                       | 30.0                        |
| STORAGE AND/OR TRANSFER           | 23,542                     | 4.8                       | 4                       | 40.0                        |
|                                   | 486,260                    | 100.0                     | 10                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| DEEPWELL OR UNDERGROUND INJECTION | 307,298                    | 63.2                      | 2                       | 20.0                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 65,562                     | 13.5                      | 1                       | 10.0                        |
| OTHER TREATMENT                   | 59,719                     | 12.3                      | 3                       | 30.0                        |
| STORAGE AND/OR TRANSFER           | 23,542                     | 4.8                       | 4                       | 40.0                        |
| ENERGY RECOVERY                   | 22,030                     | 4.5                       | 2                       | 20.0                        |
| OTHER RECOVERY                    | 6,298                      | 1.3                       | 1                       | 10.0                        |
| OTHER DISPOSAL                    | 1,545                      | 0.3                       | 1                       | 10.0                        |
| INCINERATION                      | 265                        | 0.1                       | 2                       | 20.0                        |
|                                   | 486,260                    | 100.0                     | 10                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER           | 23,542                     | 4.8                       | 4                       | 40.0                        |
| OTHER TREATMENT                   | 59,719                     | 12.3                      | 3                       | 30.0                        |
| DEEPWELL OR UNDERGROUND INJECTION | 307,298                    | 63.2                      | 2                       | 20.0                        |
| INCINERATION                      | 265                        | 0.1                       | 2                       | 20.0                        |
| ENERGY RECOVERY                   | 22,030                     | 4.5                       | 2                       | 20.0                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 65,562                     | 13.5                      | 1                       | 10.0                        |
| OTHER RECOVERY                    | 6,298                      | 1.3                       | 1                       | 10.0                        |
| OTHER DISPOSAL                    | 1,545                      | 0.3                       | 1                       | 10.0                        |
|                                   | 486,260                    | 100.0                     | 10                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## LOUISIANA

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 124,186 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 91,410 Tons

**26 Louisiana Interstate Shipment / Receipts (As reported by Louisiana):**

The State to which Louisiana shipped the largest quantity of waste was Texas (73,734 tons).

The State that shipped the largest quantity of waste to Louisiana was Texas (51,856 tons).

## MAINE

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 66

2 Quantity of RCRA Hazardous Waste Generated: 2,406 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                     | City           | Total Generated<br>(Tons) |
|--------------|--------------|---|----------------|---------------------------|
| 1            | MED040249096 | EVONIK CYRO LLC                               | SANFORD        | 318                       |
| 2            | MED001098458 | TEXAS INSTRUMENTS INCORPORATED                | SOUTH PORTLAND | 294                       |
| 3            | ME5000000307 | GENERAL DYNAMICS ARMAMENT AND TECHNICAL       | SACO           | 239                       |
| 4            | ME5000001313 | FAIRCHILD SEMICONDUCTOR CORPORATION           | SOUTH PORTLAND | 182                       |
| 5            | ME5000001271 | SOUTHERN MAINE SPECIALTIES INC                | SACO           | 152                       |
| 6            | MED000791681 | PRATT & WHITNEY                               | NORTH BERWICK  | 144                       |
| 7            | ME7170022019 | PORTSMOUTH NAVAL SHIPYARD                     | KITTERY        | 108                       |
| 8            | MED051431906 | GENERAL ELECTRIC COMPANY                      | AUBURN         | 100                       |
| 9            | MED041460247 | BATH IRON WORKS                               | BATH           | 80                        |
| 10           | MED061851408 | IRVING OIL CORPORATION                        | SEARSPORT      | 80                        |
| 11           | MER000506741 | NORTHEAST PACKAGING COMPANY                   | PRESQUE ISLE   | 71                        |
| 12           | MED097734388 | NAUTEL MAINE, INC                             | BANGOR         | 68                        |
| 13           | MEN000106023 | MAINE ALUM GRAND ISLE                         | GRAND ISLE     | 67                        |
| 14           | MED985467562 | PRAXAIR SURFACE TECHNOLOGIES                  | BIDDEFORD      | 51                        |
| 15           | MED980910053 | SILVEX, INC                                   | WESTBROOK      | 50                        |
| 16           | MED985471911 | OXFORD AVIATION                               | OXFORD         | 43                        |
| 17           | MED071732663 | MAINE MEDICAL CENTER                          | PORTLAND       | 34                        |
| 18           | MED985467653 | MASTERS MACHINE COMPANY                       | ROUND POND     | 25                        |
| 19           | MER000503995 | KATAHDIN ANALYTICAL SERVICES, INC.            | SCARBOROUGH    | 25                        |
| 20           | MED086875382 | CITGO PETROLEUM SOUTH PORTLAND TERMINAL       | SOUTH PORTLAND | 22                        |
| 21           | MED985472240 | NORDX LABORATORIES                            | SCARBOROUGH    | 22                        |
| 22           | MED040228983 | PIONEER PLASTICS CORPORATION                  | AUBURN         | 21                        |
| 23           | MED019051069 | ENPRO SERVICES OF MAINE, INC.                 | SOUTH PORTLAND | 14                        |
| 24           | MED001111103 | CORNING INCORPORATED                          | KENNEBUNK      | 14                        |
| 25           | MED048268890 | FIBER MATERIALS INC                           | BIDDEFORD      | 13                        |
| 26           | MER000500306 | KNOX MACHINE COMPANY                          | WARREN         | 13                        |
| 27           | MED000841056 | BATH IRON WORKS - HARDINGS FACILITY           | BRUNSWICK      | 12                        |
| 28           | MER000503813 | DAHL-CHASE DIAGNOSTIC SERVICES                | BANGOR         | 12                        |
| 29           | MED060996451 | THE UNIVERSITY OF MAINE                       | ORONO          | 11                        |
| 30           | MED985467679 | BATH IRON WORKS - EAST BRUNSWICK MANUFACT     | BRUNSWICK      | 8                         |
| 31           | ME5000001412 | WILLIAM ARTHUR INC                            | KENNEBUNK      | 8                         |
| 32           | MED980914451 | MAINE MANUFACTURING                           | SANFORD        | 8                         |
| 33           | MED985469279 | SOUTHERN MAINE INDUSTRIES CORP                | GORHAM         | 8                         |
| 34           | MED985466358 | CIANBRO FABRICATION AND COATING               | PITTSFIELD     | 7                         |
| 35           | ME6572890022 | MAINE AIR NATL GUARD 101ST AIR REFUEL WG      | BANGOR         | 7                         |
| 36           | MER000503458 | CENTRAL MAINE MEDICAL CENTER                  | LEWISTON       | 7                         |
| 37           | MED042140483 | THE JACKSON LABORATORY                        | BAR HARBOR     | 6                         |
| 38           | MED001106293 | UTC FIRE & SECURITY                           | PITTSFIELD     | 5                         |
| 39           | MED000841049 | EXXONMOBIL BANGOR TERMINAL                    | BANGOR         | 5                         |
| 40           | MED136957008 | SHERWIN-WILLIAMS COMPANY #5779                | WESTBROOK      | 5                         |
| 41           | MEP000018767 | KENNEBEC ICE ARENA INC                        | HALLOWELL      | 4                         |
| 42           | MER000002873 | MAINE DOT CARMEL BRIDGE                       | CARMEL         | 4                         |
| 43           | MED980671796 | RED SHIELD ACQUISITION LLC                    | OLD TOWN       | 4                         |
| 44           | MED985467406 | MAINE DOT FLEET SERVICES FACILITY             | AUGUSTA        | 4                         |
| 45           | MED001094473 | SPX COMMUNICATION TECHNOLOGIES                | RAYMOND        | 4                         |
| 46           | MED037719846 | DEPARTMENT OF VETERANS AFFAIRS                | AUGUSTA        | 3                         |
| 47           | MED001109685 | HOWELL LABORATORIES INC.                      | BRIDGTON       | 3                         |
| 48           | MER000503664 | BUSHMASTER FIREARM INTERNATIONAL LLC          | WINDHAM        | 3                         |
| 49           | MER000503870 | MID COAST HOSPITAL                            | BRUNSWICK      | 3                         |
| 50           | MEP000019006 | PORTLAND PIPE LINE CORP - SHORE TANKS 1 AND 2 | SOUTH PORTLAND | 2                         |
| <b>Total</b> |              |   |                | <b>2,391</b>              |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## MAINE

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 664                     | ONLY AN F CODE                | 105                     |  |                         |
| ONLY CORROSIVE                        | 403                     | ONLY A K CODE                 | 0                       |  |                         |
| ONLY REACTIVE                         | 1                       | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 247                     | ONLY A U CODE                 | 2                       |  |                         |
| ONLY D018-43                          | 5                       |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 674                     | HAS MORE THAN ONE LISTED CODE | 1                       |  |                         |
| <b>TOTAL</b>                          | <b>1,994</b>            | <b>TOTAL</b>                  | <b>107</b>              | <b>Both Characteristic and Listed</b>          | <b>304</b>              |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 183                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 204                     |
| HAS CORROSIVE CODE  | 501                     |   |                         | CORR. W/ AT LEAST 1 LSTD             | 19                      |
| HAS REACTIVE CODE   | 1                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 10                      |
| HAS D004-D017 CODE  | 527                     |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 204                     |
| HAS D018-D043 CODE  | 174                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 95                      |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 267                     |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 1                       |
|   |                         | HAS A P CODE                            | 1                       | P WASTE W/ AT LEAST 1 CHAR           | 34                      |
|   |                         | HAS A U CODE                            | 1                       | U WASTE W/ AT LEAST 1 CHAR           | 44                      |
| <b>TOTAL</b>  | <b>674</b>              | <b>TOTAL</b>                            | <b>1</b>                | <b>TOTAL</b>                         | <b>304</b>              |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, F003, D008, D035, D011, D006, D009, D018

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING | 475            |
| 2            | 3261  | PLASTICS PRODUCT MANUFACTURING                             | 361            |
| 3            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES   | 360            |
| 4            | 3329  | OTHER FABRICATED METAL PRODUCT MANUFACTURING               | 242            |
| 5            | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                  | 187            |
| 6            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                | 116            |
| 7            | 4247  | PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS      | 102            |
| 8            | 3366  | SHIP AND BOAT BUILDING                                     | 101            |
| 9            | 3222  | CONVERTED PAPER PRODUCT MANUFACTURING                      | 78             |
| 10           | 3342  | COMMUNICATIONS EQUIPMENT MANUFACTURING                     | 71             |
| <b>Total</b> |       |  | <b>2,093</b>   |

## MAINE

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 15

9 Quantity of RCRA Hazardous Waste Managed: 198 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                | City           | Tons of Waste Managed |
|--------------|--------------|--|----------------|-----------------------|
| 1            | MED097734388 | NAUTEL MAINE, INC                        | BANGOR         | 66                    |
| 2            | MER000506741 | NORTHEAST PACKAGING COMPANY              | PRESQUE ISLE   | 61                    |
| 3            | ME5000000307 | GENERAL DYNAMICS ARMAMENT AND TECHNICAL  | SACO           | 32                    |
| 4            | MED041460247 | BATH IRON WORKS                          | BATH           | 13                    |
| 5            | MED040228983 | PIONEER PLASTICS CORPORATION             | AUBURN         | 9                     |
| 6            | MER000503813 | DAHL-CHASE DIAGNOSTIC SERVICES           | BANGOR         | 7                     |
| 7            | MED000841056 | BATH IRON WORKS - HARDINGS FACILITY      | BRUNSWICK      | 4                     |
| 8            | MED001094473 | SPX COMMUNICATION TECHNOLOGIES           | RAYMOND        | 3                     |
| 9            | MED019051069 | ENPRO SERVICES OF MAINE, INC.            | SOUTH PORTLAND | 2                     |
| 10           | MED985472240 | NORDX LABORATORIES                       | SCARBOROUGH    | 1                     |
| 11           | MED985467679 | BATH IRON WORKS - EAST BRUNSWICK MANUFAC | BRUNSWICK      | 1                     |
| 12           | MED985466358 | CIANBRO FABRICATION AND COATING          | PITTSFIELD     | 0                     |
| 13           | MED001095470 | VERSO PAPER ANDROSCOGGIN MILL            | JAY            | 0                     |
| 14           | MER000503870 | MID COAST HOSPITAL                       | BRUNSWICK      | 0                     |
| 15           | MED042140483 | THE JACKSON LABORATORY                   | BAR HARBOR     | 0                     |
| <b>Total</b> |              |  |                | <b>198</b>            |

Note: Column may not sum to total due to rounding.  
 State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.  
 Facilities reporting storage only and their quantity managed are excluded.

## MAINE

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL    | 35                         | 17.5                      | 2                       | 13.3                        |
| OTHER RECOVERY    | 32                         | 16.0                      | 1                       | 6.7                         |
| OTHER TREATMENT   | 45                         | 22.7                      | 5                       | 33.3                        |
| SLUDGE TREATMENT  | 3                          | 1.5                       | 1                       | 6.7                         |
| SOLVENTS RECOVERY | 84                         | 42.4                      | 9                       | 60.0                        |
|                   | 198                        | 100.0                     | 15                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY | 84                         | 42.4                      | 9                       | 60.0                        |
| OTHER TREATMENT   | 45                         | 22.7                      | 5                       | 33.3                        |
| OTHER DISPOSAL    | 35                         | 17.5                      | 2                       | 13.3                        |
| OTHER RECOVERY    | 32                         | 16.0                      | 1                       | 6.7                         |
| SLUDGE TREATMENT  | 3                          | 1.5                       | 1                       | 6.7                         |
|                   | 198                        | 100.0                     | 15                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY | 84                         | 42.4                      | 9                       | 60.0                        |
| OTHER TREATMENT   | 45                         | 22.7                      | 5                       | 33.3                        |
| OTHER DISPOSAL    | 35                         | 17.5                      | 2                       | 13.3                        |
| OTHER RECOVERY    | 32                         | 16.0                      | 1                       | 6.7                         |
| SLUDGE TREATMENT  | 3                          | 1.5                       | 1                       | 6.7                         |
|                   | 198                        | 100.0                     | 15                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, D002, D018, D007, F005, D035, D005, D006, D008

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## MAINE

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 66

16 Quantity of RCRA Hazardous Waste Shipped: 2,324

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City           | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|----------------|----------------------------|
| 1            | MED040249096 | EVONIK CYRO LLC                             | SANFORD        | 318                        |
| 2            | MED001098458 | TEXAS INSTRUMENTS INCORPORATED              | SOUTH PORTLAND | 294                        |
| 3            | ME5000000307 | GENERAL DYNAMICS ARMAMENT AND TECHNICAL     | SACO           | 239                        |
| 4            | ME5000001313 | FAIRCHILD SEMICONDUCTOR CORPORATION         | SOUTH PORTLAND | 182                        |
| 5            | ME5000001271 | SOUTHERN MAINE SPECIALTIES INC              | SACO           | 152                        |
| 6            | MED000791681 | PRATT & WHITNEY                             | NORTH BERWICK  | 143                        |
| 7            | ME7170022019 | PORTSMOUTH NAVAL SHIPYARD                   | KITTERY        | 103                        |
| 8            | MED019051069 | ENPRO SERVICES OF MAINE, INC.               | SOUTH PORTLAND | 102                        |
| 9            | MED051431906 | GENERAL ELECTRIC COMPANY                    | AUBURN         | 100                        |
| 10           | MED061851408 | IRVING OIL CORPORATION                      | SEARSPORT      | 80                         |
| 11           | MED041460247 | BATH IRON WORKS                             | BATH           | 67                         |
| 12           | MEN000106023 | MAINE ALUM GRAND ISLE                       | GRAND ISLE     | 67                         |
| 13           | MED985467562 | PIONEER SURFACE TECHNOLOGIES                | BIDDEFORD      | 51                         |
| 14           | MED980910053 | SILVEX, INC                                 | WESTBROOK      | 50                         |
| 15           | MED985471911 | OXFORD AVIATION                             | OXFORD         | 43                         |
| 16           | MED071732663 | MAINE MEDICAL CENTER                        | PORTLAND       | 34                         |
| 17           | MED985467653 | MASTERS MACHINE COMPANY                     | ROUND POND     | 25                         |
| 18           | MER000503995 | KATAHDIN ANALYTICAL SERVICES, INC.          | SCARBOROUGH    | 25                         |
| 19           | MED086875382 | CITGO PETROLEUM SOUTH PORTLAND TERMINAL     | SOUTH PORTLAND | 22                         |
| 20           | MED985472240 | NORDX LABORATORIES                          | SCARBOROUGH    | 21                         |
| 21           | MED040228983 | PIONEER PLASTICS CORPORATION                | AUBURN         | 14                         |
| 22           | MED001111103 | CORNING INCORPORATED                        | KENNEBUNK      | 14                         |
| 23           | MED048268890 | FIBER MATERIALS INC                         | BIDDEFORD      | 13                         |
| 24           | MER000500306 | KNOX MACHINE COMPANY                        | WARREN         | 13                         |
| 25           | MED060996451 | THE UNIVERSITY OF MAINE                     | ORONO          | 11                         |
| 26           | MER000506741 | NORTHEAST PACKAGING COMPANY                 | PRESQUE ISLE   | 10                         |
| 27           | MED000841056 | BATH IRON WORKS - HARDINGS FACILITY         | BRUNSWICK      | 8                          |
| 28           | ME5000001412 | WILLIAM ARTHUR INC                          | KENNEBUNK      | 8                          |
| 29           | MED980914451 | MAINE MANUFACTURING                         | SANFORD        | 8                          |
| 30           | MED985469279 | SOUTHERN MAINE INDUSTRIES CORP              | GORHAM         | 8                          |
| 31           | MED985467679 | BATH IRON WORKS - EAST BRUNSWICK MANUFAC    | BRUNSWICK      | 7                          |
| 32           | ME6572890022 | MAINE AIR NATL GUARD 101ST AIR REFUEL WG    | BANGOR         | 7                          |
| 33           | MED985466358 | CIANBRO FABRICATION AND COATING             | PITTSFIELD     | 7                          |
| 34           | MER000503458 | CENTRAL MAINE MEDICAL CENTER                | LEWISTON       | 7                          |
| 35           | MED042140483 | THE JACKSON LABORATORY                      | BAR HARBOR     | 6                          |
| 36           | MED001106293 | UTC FIRE & SECURITY                         | PITTSFIELD     | 5                          |
| 37           | MED000841049 | EXXONMOBIL BANGOR TERMINAL                  | BANGOR         | 5                          |
| 38           | MER000503813 | DAHL-CHASE DIAGNOSTIC SERVICES              | BANGOR         | 5                          |
| 39           | MED136957008 | SHERWIN-WILLIAMS COMPANY #5779              | WESTBROOK      | 5                          |
| 40           | MEP000018767 | KENNEBEC ICE ARENA INC                      | HALLOWELL      | 4                          |
| 41           | MER000002873 | MAINE DOT CARMEL BRIDGE                     | CARMEL         | 4                          |
| 42           | MED980671796 | RED SHIELD ACQUISITION LLC                  | OLD TOWN       | 4                          |
| 43           | MED985467406 | MAINE DOT FLEET SERVICES FACILITY           | AUGUSTA        | 4                          |
| 44           | MED037719846 | DEPARTMENT OF VETERANS AFFAIRS              | AUGUSTA        | 3                          |
| 45           | MED001109685 | HOWELL LABORATORIES INC.                    | BRIDGTON       | 3                          |
| 46           | MER000503664 | BUSHMASTER FIREARM INTERNATIONAL LLC        | WINDHAM        | 3                          |
| 47           | MER000503870 | MID COAST HOSPITAL                          | BRUNSWICK      | 3                          |
| 48           | MEP000019006 | PORTLAND PIPE LINE CORP - SHORE TANKS 1 AND | SOUTH PORTLAND | 2                          |
| 49           | MED001096791 | SDI MANAGEMENT COMPANY                      | SACO           | 2                          |
| 50           | MER000508085 | PORTLAND PIPE LINE CORP - SOUTH PORTLAND F/ | SOUTH PORTLAND | 2                          |
| <b>Total</b> |              |   |                | <b>2,311</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**MAINE**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 2

**19** Quantity of RCRA Hazardous Waste Received: 141 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                     | City           | Quantity Received<br>(Tons) |
|--------------|--------------|-------------------------------|----------------|-----------------------------|
| 1            | MED019051069 | ENPRO SERVICES OF MAINE, INC. | SOUTH PORTLAND | 139                         |
| 2            | ME7170022019 | PORTSMOUTH NAVAL SHIPYARD     | KITTERY        | 2                           |
| <b>Total</b> |              |                               |                | <b>141</b>                  |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## MAINE

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL          | 1                          | 1.0                       | 1                       | 50.0                        |
| OTHER TREATMENT         | 0                          | 0.3                       | 1                       | 50.0                        |
| STORAGE AND/OR TRANSFER | 139                        | 98.7                      | 2                       | 100.0                       |
|                         | 141                        | 100.0                     | 2                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 139                        | 98.7                      | 2                       | 100.0                       |
| OTHER DISPOSAL          | 1                          | 1.0                       | 1                       | 50.0                        |
| OTHER TREATMENT         | 0                          | 0.3                       | 1                       | 50.0                        |
|                         | 141                        | 100.0                     | 2                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 139                        | 98.7                      | 2                       | 100.0                       |
| OTHER DISPOSAL          | 1                          | 1.0                       | 1                       | 50.0                        |
| OTHER TREATMENT         | 0                          | 0.3                       | 1                       | 50.0                        |
|                         | 141                        | 100.0                     | 2                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**MAINE**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 2,281 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 15 Tons

**26 Maine Interstate Shipment / Receipts (As reported by Maine):**

The State to which Maine shipped the largest quantity of waste was New York (690 tons).

The State that shipped the largest quantity of waste to Maine was Massachusetts (10 tons).

## MARYLAND

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 134

2 Quantity of RCRA Hazardous Waste Generated: 44,250 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City                  | Total Generated<br>(Tons) |
|--------------|--------------|--|-----------------------|---------------------------|
| 1            | MDD990759375 | EASTALCOA ALUMINUM CO                      | FREDERICK             | 12,856                    |
| 2            | MDD030324073 | MPA DUNDALK MARINE TERMINAL                | BALTIMORE             | 7,191                     |
| 3            | MDD000731356 | MES HAWKINS POINT H/W LANDFILL             | BALTIMORE             | 7,182                     |
| 4            | MDD980555189 | CLEAN HARBORS OF BALTIMORE INC.            | BALTIMORE             | 3,188                     |
| 5            | MDD003093119 | AMG RESOURCES INC                          | BALTIMORE             | 1,901                     |
| 6            | MDD001710227 | W R GRACE & CO.-CONN- CURTIS BAY WORKS     | BALTIMORE             | 1,195                     |
| 7            | MDD053945432 | RG STEEL SPARROWS POINT LLC                | SPARROWS POINT        | 1,004                     |
| 8            | MD0570024000 | ANDREWS AIR FORCE BASE                     | ANDREWS AFB           | 746                       |
| 9            | MDD069390839 | RUST-OLEUM CORPORATION HAGERSTOWN PLANT    | WILLIAMSPORT          | 737                       |
| 10           | MDD000797365 | BROWNING-FERRIS INC - SOLLEY ROAD LANDFILL | GLEN BURNIE           | 655                       |
| 11           | MDR000012161 | ENGINEERED POLYMER SOLUTIONS INC           | WILLIAMSPORT          | 630                       |
| 12           | MDD985372143 | CITRUS & ALLIED ESSENCES LTD               | BELCAMP               | 617                       |
| 13           | MDD003075942 | CYTEC ENGINEERED MATERIALS INC             | HAVRE DE GRACE        | 444                       |
| 14           | MDD981034291 | SAFETY-KLEEN SYSTEMS, INC.                 | BALTIMORE             | 429                       |
| 15           | MDP000017165 | UNION MILL                                 | BALTIMORE             | 389                       |
| 16           | MDD985398965 | COMPLEMENTARY COATINGS CORP (D/B/A INSL-X) | BALTIMORE             | 267                       |
| 17           | MDD001890060 | EASTMAN SPECIALTIES CORPORATION            | CHESTERTOWN           | 218                       |
| 18           | MDR000516104 | ENVIRONMENTAL PRESERVATION ASSOCIATION     | BELTSVILLE            | 200                       |
| 19           | MDR000515189 | MPA DUNDALK MARINE TERMINAL GWTP           | DUNDALK               | 192                       |
| 20           | MDD003060860 | THE SOUTHERN GALVANIZING CO                | BALTIMORE             | 183                       |
| 21           | MDR000506873 | AES WARRIOR RUN                            | CUMBERLAND            | 170                       |
| 22           | MDR000016303 | MIDDLE RIVER AIRCRAFT SYSTEMS              | BALTIMORE             | 124                       |
| 23           | MD6150004095 | NATIONAL INSTITUTES OF HEALTH              | BETHESDA              | 109                       |
| 24           | MD3210021355 | USARMY GARRISON - APG                      | ABERDEEN PROVING GROU | 108                       |
| 25           | MDD982573909 | TERUMO MEDICAL CORPORATION                 | ELKTON                | 106                       |
| 26           | MDD077410538 | TNEMEC COMPANY INC.                        | BALTIMORE             | 105                       |
| 27           | MDD069380657 | PRECOAT METALS A DIVISION OF SEQUA CORP.   | ELKRIDGE              | 104                       |
| 28           | MDD062011796 | ROCKWOOD PIGMENTS NA INC                   | BELTSVILLE            | 100                       |
| 29           | MDD985403120 | VORBECK MATERIALS CORPORATION              | JESSUP                | 89                        |
| 30           | MDD005854732 | SINFUL COLORS INC                          | BELTSVILLE            | 87                        |
| 31           | MDR000518423 | ACM TECHNOLOGIES INC                       | FOREST HILL           | 82                        |
| 32           | MDD049918659 | BALTIMORE GALVANIZING COMPANY INC          | BALTIMORE             | 80                        |
| 33           | MDD982704256 | W L GORE & ASSOCIATES, INC - ELK MILLS 1   | ELKTON                | 80                        |
| 34           | MD5202720012 | JAMES T ROWLEY TRAINING CENTER             | LAUREL                | 77                        |
| 35           | MDD000619866 | VIENNA GENERATING STATION                  | VIENNA                | 77                        |
| 36           | MDD980918619 | ALLIANT TECHSYSTEMS INC                    | BELTSVILLE            | 75                        |
| 37           | MDR000518514 | PHARMACEUTICS INTERNATIONAL                | HUNT VALLEY           | 74                        |
| 38           | MDD003090503 | KAYDON RING & SEAL INC                     | BALTIMORE             | 73                        |
| 39           | MDD985389949 | PHOENIX MECANO INC                         | FREDERICK             | 72                        |
| 40           | MDD054907027 | HESS BALTIMORE TERMINAL                    | BALTIMORE             | 64                        |
| 41           | MDD000215160 | SHERWIN-WILLIAMS                           | BALTIMORE             | 62                        |
| 42           | MDD061367280 | TEXAS EASTERN TRANSMISSION LP ACCIDENT     | ACCIDENT              | 61                        |
| 43           | MD4690307844 | USCOAST GUARD YARD                         | BALTIMORE             | 61                        |
| 44           | MD4170024109 | US NAVAL SUPPORT FACILITY INDIAN HEAD      | INDIAN HEAD           | 60                        |
| 45           | MDD074933961 | W R GRACE & CO - CONN - COLUMBIA           | COLUMBIA              | 60                        |
| 46           | MDD003067832 | ASHLAND, INC                               | ELKTON                | 56                        |
| 47           | MDD980555767 | PLYMOUTH TUBE COMPANY                      | SALISBURY             | 53                        |
| 48           | MD5131531811 | NATIONAL INSTITUTE OF STANDARDS AND TECHNO | GAITHERSBURG          | 52                        |
| 49           | MDR000501510 | THORLABS QUANTUM ELECTRONICS               | JESSUP                | 50                        |
| 50           | MDR010098432 | SHIRE US MANUFACTURING INC.                | OWINGS MILLS          | 47                        |
| <b>Total</b> |              |  |                       | <b>42,644</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## MARYLAND

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 2,433                   | ONLY AN F CODE                | 824                     |  |                         |
| ONLY CORROSIVE                        | 2,595                   | ONLY A K CODE                 | 12,863                  |  |                         |
| ONLY REACTIVE                         | 4                       | ONLY A P CODE                 | 1                       |  |                         |
| ONLY D004-17                          | 9,104                   | ONLY A U CODE                 | 16                      |  |                         |
| ONLY D018-43                          | 419                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 8,925                   | HAS MORE THAN ONE LISTED CODE | 1                       |  |                         |
| <b>TOTAL</b>                          | <b>23,480</b>           | <b>TOTAL</b>                  | <b>13,706</b>           | <b>Both Characteristic and Listed</b>          | <b>7,047</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 1,229                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 6,019                   |
| HAS CORROSIVE CODE  | 8,234                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 3,594                   |
| HAS REACTIVE CODE   | 121                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 269                     |
| HAS D004-D017 CODE  | 7,772                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 4,545                   |
| HAS D018-D043 CODE  | 619                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 5,155                   |
|   |                         | HAS AN F CODE                           | 1                       | F WASTE W/ AT LEAST 1 CHAR           | 6,838                   |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 2,977                   |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 3,025                   |
|   |                         | HAS A U CODE                            | 1                       | U WASTE W/ AT LEAST 1 CHAR           | 3,288                   |
| <b>TOTAL</b>  | <b>8,925</b>            | <b>TOTAL</b>                            | <b>1</b>                | <b>TOTAL</b>                         | <b>7,047</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, D007, D008, F005, D035, D003, F002, D006

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3313  | ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING               | 12,856         |
| 2            | 9241  | ADMINISTRATION OF ENVIRONMENTAL QUALITY PROGRAMS             | 7,374          |
| 3            | 4831  | DEEP SEA, COASTAL, AND GREAT LAKES WATER TRANSPORTATION      | 7,191          |
| 4            | 5622  | WASTE TREATMENT AND DISPOSAL                                 | 3,886          |
| 5            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                   | 2,370          |
| 6            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING | 1,901          |
| 7            | 3251  | BASIC CHEMICAL MANUFACTURING                                 | 1,656          |
| 8            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                  | 1,108          |
| 9            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING            | 1,004          |
| 10           | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING         | 617            |
| <b>Total</b> |       |  | <b>39,962</b>  |

## MARYLAND

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 6

9 Quantity of RCRA Hazardous Waste Managed: 43,956 Tons

## 10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                             | City        | Tons of Waste Managed |
|-------|--------------|---------------------------------------|-------------|-----------------------|
| 1     | MDD980555189 | CLEAN HARBORS OF BALTIMORE INC.       | BALTIMORE   | 43,832                |
| 2     | MD4170024109 | US NAVAL SUPPORT FACILITY INDIAN HEAD | INDIAN HEAD | 50                    |
| 3     | MDR000518423 | ACM TECHNOLOGIES INC                  | FOREST HILL | 47                    |
| 4     | MD0000308312 | TELEDYNE ENERGY SYSTEMS INC           | HUNT VALLEY | 19                    |
| 5     | MDD003067121 | ALLIANT TECHSYSTEMS OPERATIONS LLC    | ELKTON      | 7                     |
| 6     | MD6150004095 | NATIONAL INSTITUTES OF HEALTH         | BETHESDA    | 1                     |
| Total |              |                                       |             | 43,956                |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.  
Facilities reporting storage only and their quantity managed are excluded.

## MARYLAND

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 4,752                      | 10.8                      | 2                       | 33.3                        |
| FUEL BLENDING               | 18                         | 0.0                       | 1                       | 16.7                        |
| INCINERATION                | 50                         | 0.1                       | 1                       | 16.7                        |
| OTHER DISPOSAL              | 1                          | 0.0                       | 1                       | 16.7                        |
| OTHER TREATMENT             | 38,840                     | 88.4                      | 3                       | 50.0                        |
| STABILIZATION               | 295                        | 0.7                       | 1                       | 16.7                        |
|                             | 43,956                     | 100.0                     | 6                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT             | 38,840                     | 88.4                      | 3                       | 50.0                        |
| AQUEOUS INORGANIC TREATMENT | 4,752                      | 10.8                      | 2                       | 33.3                        |
| STABILIZATION               | 295                        | 0.7                       | 1                       | 16.7                        |
| INCINERATION                | 50                         | 0.1                       | 1                       | 16.7                        |
| FUEL BLENDING               | 18                         | 0.0                       | 1                       | 16.7                        |
| OTHER DISPOSAL              | 1                          | 0.0                       | 1                       | 16.7                        |
|                             | 43,956                     | 100.0                     | 6                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT             | 38,840                     | 88.4                      | 3                       | 50.0                        |
| AQUEOUS INORGANIC TREATMENT | 4,752                      | 10.8                      | 2                       | 33.3                        |
| FUEL BLENDING               | 18                         | 0.0                       | 1                       | 16.7                        |
| OTHER DISPOSAL              | 1                          | 0.0                       | 1                       | 16.7                        |
| STABILIZATION               | 295                        | 0.7                       | 1                       | 16.7                        |
| INCINERATION                | 50                         | 0.1                       | 1                       | 16.7                        |
|                             | 43,956                     | 100.0                     | 6                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, D002, D018, F005, D008, D040, D007, F002, D039

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## MARYLAND

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 132

16 Quantity of RCRA Hazardous Waste Shipped: 54,574

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                      | City                   | Quantity Shipped<br>(Tons) |
|--------------|--------------|--|------------------------|----------------------------|
| 1            | MDD980555189 | CLEAN HARBORS OF BALTIMORE INC.                | BALTIMORE              | 13,864                     |
| 2            | MDD990759375 | EASTALCOA ALUMINUM CO                          | FREDERICK              | 12,856                     |
| 3            | MDD030324073 | MPA DUNDALK MARINE TERMINAL                    | BALTIMORE              | 7,191                      |
| 4            | MDD000731356 | MES HAWKINS POINT H/W LANDFILL                 | BALTIMORE              | 7,182                      |
| 5            | MDD003093119 | AMG RESOURCES INC                              | BALTIMORE              | 1,901                      |
| 6            | MDD001710227 | W R GRACE & CO.-CONN- CURTIS BAY WORKS         | BALTIMORE              | 1,195                      |
| 7            | MDD053945432 | RG STEEL SPARROWS POINT LLC                    | SPARROWS POINT         | 920                        |
| 8            | MDD981034291 | SAFETY-KLEEN SYSTEMS, INC.                     | BALTIMORE              | 778                        |
| 9            | MDD069390839 | RUST-OLEUM CORPORATION HAGERSTOWN PLANT        | WILLIAMSPORT           | 737                        |
| 10           | MDD000797365 | BROWNING-FERRIS INC - SOLLEY ROAD LANDFILL     | GLEN BURNIE            | 655                        |
| 11           | MDR000012161 | ENGINEERED POLYMER SOLUTIONS INC               | WILLIAMSPORT           | 630                        |
| 12           | MDD985372143 | CITRUS & ALLIED ESSENCES LTD                   | BELCAMP                | 617                        |
| 13           | MDD003075942 | CYTEC ENGINEERED MATERIALS INC                 | HAVRE DE GRACE         | 444                        |
| 14           | MDP000017165 | UNION MILL                                     | BALTIMORE              | 389                        |
| 15           | MDD985398965 | COMPLEMENTARY COATINGS CORP (D/B/A INSL-X)     | BALTIMORE              | 267                        |
| 16           | MD0570024000 | ANDREWS AIR FORCE BASE                         | ANDREWS AFB            | 241                        |
| 17           | MDD001890060 | EASTMAN SPECIALTIES CORPORATION                | CHESTERTOWN            | 218                        |
| 18           | MDR000516104 | ENVIRONMENTAL PRESERVATION ASSOCIATION         | BELTSVILLE             | 200                        |
| 19           | MDR000515189 | MPA DUNDALK MARINE TERMINAL GWTP               | DUNDALK                | 192                        |
| 20           | MDD003060860 | THE SOUTHERN GALVANIZING CO                    | BALTIMORE              | 183                        |
| 21           | MDR000506873 | AES WARRIOR RUN                                | CUMBERLAND             | 170                        |
| 22           | MDR000016303 | MIDDLE RIVER AIRCRAFT SYSTEMS                  | BALTIMORE              | 124                        |
| 23           | MD3210021355 | USARMY GARRISON - APG                          | ABERDEEN PROVING GROUP | 108                        |
| 24           | MD6150004095 | NATIONAL INSTITUTES OF HEALTH                  | BETHESDA               | 108                        |
| 25           | MDD982573909 | TERUMO MEDICAL CORPORATION                     | ELKTON                 | 106                        |
| 26           | MDD077410538 | TNEMEC COMPANY INC.                            | BALTIMORE              | 104                        |
| 27           | MDD069380657 | PRECOAT METALS A DIVISION OF SEQUA CORP.       | ELKRIDGE               | 104                        |
| 28           | MDD062011796 | ROCKWOOD PIGMENTS NA INC                       | BELTSVILLE             | 100                        |
| 29           | MDD985403120 | VORBECK MATERIALS CORPORATION                  | JESSUP                 | 89                         |
| 30           | MDD980827133 | RACE STREET                                    | BALTIMORE              | 86                         |
| 31           | MDR000518423 | ACM TECHNOLOGIES INC                           | FOREST HILL            | 82                         |
| 32           | MDD005854732 | SINFUL COLORS INC                              | BELTSVILLE             | 81                         |
| 33           | MDD049918659 | BALTIMORE GALVANIZING COMPANY INC              | BALTIMORE              | 80                         |
| 34           | MDD982704256 | W L GORE & ASSOCIATES, INC - ELK MILLS 1       | ELKTON                 | 80                         |
| 35           | MD5202720012 | JAMES T ROWLEY TRAINING CENTER                 | LAUREL                 | 77                         |
| 36           | MDD000619866 | VIENNA GENERATING STATION                      | VIENNA                 | 77                         |
| 37           | MDD980918619 | ALLIANT TECHSYSTEMS INC                        | BELTSVILLE             | 75                         |
| 38           | MDR000518514 | PHARMACEUTICS INTERNATIONAL                    | HUNT VALLEY            | 74                         |
| 39           | MD4690307844 | USCOAST GUARD YARD                             | BALTIMORE              | 73                         |
| 40           | MDD003090503 | KAYDON RING & SEAL INC                         | BALTIMORE              | 73                         |
| 41           | MDD985389949 | PHOENIX MECANO INC                             | FREDERICK              | 72                         |
| 42           | MDD054907027 | HESS BALTIMORE TERMINAL                        | BALTIMORE              | 64                         |
| 43           | MDD000215160 | SHERWIN-WILLIAMS                               | BALTIMORE              | 62                         |
| 44           | MDD074933961 | W R GRACE & CO - CONN - COLUMBIA               | COLUMBIA               | 60                         |
| 45           | MDD003067832 | ASHLAND, INC                                   | ELKTON                 | 56                         |
| 46           | MDD980555767 | PLYMOUTH TUBE COMPANY                          | SALISBURY              | 53                         |
| 47           | MD5131531811 | NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY | GAITHERSBURG           | 52                         |
| 48           | MDR010098432 | SHIRE US MANUFACTURING INC.                    | OWINGS MILLS           | 47                         |
| 49           | MDD985384759 | APHENA PHARMA SOLUTIONS MS LLC                 | EASTON                 | 43                         |
| 50           | MDD985412576 | WHEELABRATOR BALTIMORE LP                      | BALTIMORE              | 42                         |
| <b>Total</b> |              |  |                        | <b>53,084</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**MARYLAND**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 4

**19** Quantity of RCRA Hazardous Waste Received: 56,462 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                       | City         | Quantity Received<br>(Tons) |
|--------------|--------------|---------------------------------|--------------|-----------------------------|
| 1            | MDD980555189 | CLEAN HARBORS OF BALTIMORE INC. | BALTIMORE    | 56,064                      |
| 2            | MDD981034291 | SAFETY-KLEEN SYSTEMS, INC.      | BALTIMORE    | 350                         |
| 3            | MDR000518423 | ACM TECHNOLOGIES INC            | FOREST HILL  | 47                          |
| 4            | MDD980829873 | UNIVERSITY OF MARYLAND          | COLLEGE PARK | 0                           |
| <b>Total</b> |              |                                 |              | <b>56,462</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## MARYLAND

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 4,752                      | 8.4                       | 2                       | 50.0                        |
| FUEL BLENDING               | 18                         | 0.0                       | 1                       | 25.0                        |
| OTHER TREATMENT             | 38,813                     | 68.7                      | 1                       | 25.0                        |
| STABILIZATION               | 295                        | 0.5                       | 1                       | 25.0                        |
| STORAGE AND/OR TRANSFER     | 12,584                     | 22.3                      | 3                       | 75.0                        |
|                             | 56,462                     | 100.0                     | 4                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT             | 38,813                     | 68.7                      | 1                       | 25.0                        |
| STORAGE AND/OR TRANSFER     | 12,584                     | 22.3                      | 3                       | 75.0                        |
| AQUEOUS INORGANIC TREATMENT | 4,752                      | 8.4                       | 2                       | 50.0                        |
| STABILIZATION               | 295                        | 0.5                       | 1                       | 25.0                        |
| FUEL BLENDING               | 18                         | 0.0                       | 1                       | 25.0                        |
|                             | 56,462                     | 100.0                     | 4                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER     | 12,584                     | 22.3                      | 3                       | 75.0                        |
| AQUEOUS INORGANIC TREATMENT | 4,752                      | 8.4                       | 2                       | 50.0                        |
| FUEL BLENDING               | 18                         | 0.0                       | 1                       | 25.0                        |
| STABILIZATION               | 295                        | 0.5                       | 1                       | 25.0                        |
| OTHER TREATMENT             | 38,813                     | 68.7                      | 1                       | 25.0                        |
|                             | 56,462                     | 100.0                     | 4                       |                             |

Note: Columns may not sum to total due to rounding.  
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**MARYLAND**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 53,179 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 54,814 Tons

**26 Maryland Interstate Shipment / Receipts (As reported by Maryland):**

The State to which Maryland shipped the largest quantity of waste was Pennsylvania (16,430 tons).

The State that shipped the largest quantity of waste to Maryland was Minnesota (17,774 tons).

## MASSACHUSETTS

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 444

2 Quantity of RCRA Hazardous Waste Generated: 35,554 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City            | Total Generated<br>(Tons) |
|--------------|--------------|--|-----------------|---------------------------|
| 1            | MAC300012994 | NATIONAL GRID NEWBURYPORT MGP              | NEWBURYPORT     | 3,467                     |
| 2            | MAD000189068 | MA COM INC                                 | BURLINGTON      | 2,981                     |
| 3            | MAD000844597 | WATERS CORPORATION                         | TAUNTON         | 2,584                     |
| 4            | MAD000844498 | ROHM AND HAAS ELECTRONIC MATERIALS LLC     | MARLBOROUGH     | 1,045                     |
| 5            | MAD001039767 | BOSTIK INC                                 | MIDDLETON       | 1,029                     |
| 6            | MAD001128032 | WYMAN-GORDON COMPANY                       | NORTH GRAFTON   | 829                       |
| 7            | MAC300009909 | BRISTOL-MYERS SQUIBB                       | DEVENS          | 714                       |
| 8            | MAR000010504 | INTEL MASSACHUSETTS INC                    | HUDSON          | 707                       |
| 9            | MAD128422870 | METALOR TECHNOLOGIES USA (REFINING)        | NORTH ATTLEBORO | 632                       |
| 10           | MAD982198434 | JOHNSON MATTHEY PHARMACEUTICAL MATERIALS   | NORTH ANDOVER   | 567                       |
| 11           | MAC300013570 | WESTERN MASS ELECTRIC COMPANY MANHOLE CL   | SPRINGFIELD     | 559                       |
| 12           | MAR000009605 | ISP FREETOWN FINE CHEMICALS INC            | ASSONET         | 554                       |
| 13           | MAD053483467 | THE GILLETTE COMPANY                       | ANDOVER         | 513                       |
| 14           | MAD041710609 | TECH-ETCH INC                              | PLYMOUTH        | 467                       |
| 15           | MAD001114818 | SOLUTIA INC                                | SPRINGFIELD     | 460                       |
| 16           | MAD059721944 | LIFE TECHNOLOGIES                          | BEDFORD         | 388                       |
| 17           | MAC300014768 | MASSACHUSETTS DEPARTMENT OF TRANSPORTATION | BOSTON          | 383                       |
| 18           | MAD001136035 | FLEXCON COMPANY INC                        | SPENCER         | 348                       |
| 19           | MAD001408517 | GE AVIATION LYNN                           | LYNN            | 339                       |
| 20           | MAR000500454 | JOHNSON MATTHEY PHARMACEUTICAL MATERIALS   | DEVENS          | 326                       |
| 21           | MAD000649640 | ANALOG DEVICES INC                         | WILMINGTON      | 319                       |
| 22           | MAD047982152 | COYNE TEXTILE SERVICES                     | NEW BEDFORD     | 304                       |
| 23           | MAD001047620 | THE DUNCAN GROUP                           | EVERETT         | 295                       |
| 24           | MAC300001088 | V&S TAUNTON GALVANIZING LLC                | TAUNTON         | 252                       |
| 25           | MAD053452637 | CLEAN HARBORS OF BRAINTREE                 | BRAINTREE       | 251                       |
| 26           | MA5000001792 | AVECIA BIOTECHNOLOGY INC                   | MILFORD         | 246                       |
| 27           | MAD088977186 | BORDEN & REMINGTON                         | FALL RIVER      | 241                       |
| 28           | MAR000007955 | PCI SYNTHESIS                              | NEWBURYPORT     | 240                       |
| 29           | MAD001050152 | EMD MILLIPORE CORPORATION                  | BEDFORD         | 237                       |
| 30           | MAC300012655 | MASSACHUSETTS ELECTRIC COMPANY             | WALTHAM         | 234                       |
| 31           | MAD001114206 | SMITH & WESSON CORP                        | SPRINGFIELD     | 231                       |
| 32           | MAD096287354 | SAFETY-KLEEN SYSTEMS INC                   | WEST BROOKFIELD | 221                       |
| 33           | MAR000011924 | WHEELABRATOR MILLBURY INC                  | MILLBURY        | 216                       |
| 34           | MAD001119593 | WESTFIELD ELECTROPLATING CO INC            | WESTFIELD       | 216                       |
| 35           | MAD001116938 | SAVAGE ARMS INC                            | WESTFIELD       | 214                       |
| 36           | MAC300010642 | WHEELABRATOR NORTH ANDOVER INC             | NORTH ANDOVER   | 213                       |
| 37           | MAD000842427 | EXXONMOBIL EVERETT TERMINAL                | EVERETT         | 208                       |
| 38           | MAD981062284 | SUPERCON INC                               | SHREWSBURY      | 208                       |
| 39           | MAR000501551 | ENTEGRISS INC                              | BILLERICA       | 202                       |
| 40           | MAD981069701 | PHARMASOL CORP                             | EASTON          | 198                       |
| 41           | MAD063894786 | GENERAL METAL FINISHING LLC                | ATTLEBORO       | 188                       |
| 42           | MAD985290055 | BABS FOUNDRY INC                           | NORTON          | 183                       |
| 43           | MAC300002706 | WHEELABRATOR SAUGUS INC                    | SAUGUS          | 180                       |
| 44           | MAD000846147 | EXXONMOBIL OIL SPRINGFIELD TERMINAL        | SPRINGFIELD     | 178                       |
| 45           | MAR000509505 | MAJILITE MANUFACTURING INC                 | DRACUT          | 174                       |
| 46           | MAC300000759 | CHECON CORPORATION                         | NORTH ATTLEBORO | 174                       |
| 47           | MAD980672216 | VALLEY PLATING INC                         | SPRINGFIELD     | 173                       |
| 48           | MAD001125681 | L S STARRETT COMPANY                       | ATHOL           | 173                       |
| 49           | MAR000016113 | LEONI WIRE INC                             | CHICOPEE        | 157                       |
| 50           | MAD985275569 | GENERAL METAL FINISHING LLC BLDG 2         | ATTLEBORO       | 156                       |
| <b>Total</b> |              |  |                 | <b>25,375</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## MASSACHUSETTS

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 2,815                   | ONLY AN F CODE                | 4,755                   |  |                         |
| ONLY CORROSIVE                        | 1,669                   | ONLY A K CODE                 | 0                       |  |                         |
| ONLY REACTIVE                         | 9                       | ONLY A P CODE                 | 5                       |  |                         |
| ONLY D004-17                          | 4,874                   | ONLY A U CODE                 | 70                      |  |                         |
| ONLY D018-43                          | 3,910                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 4,741                   | HAS MORE THAN ONE LISTED CODE | 236                     |  |                         |
| <b>TOTAL</b>                          | <b>18,018</b>           | <b>TOTAL</b>                  | <b>5,067</b>            | <b>Both Characteristic and Listed</b>          | <b>12,466</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 2,094                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 11,017                  |
| HAS CORROSIVE CODE  | 3,067                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 2,197                   |
| HAS REACTIVE CODE   | 199                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 481                     |
| HAS D004-D017 CODE  | 2,809                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 1,503                   |
| HAS D018-D043 CODE  | 1,505                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 5,340                   |
|   |                         | HAS AN F CODE                           | 234                     | F WASTE W/ AT LEAST 1 CHAR           | 11,994                  |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 279                     |
|   |                         | HAS A P CODE                            | 2                       | P WASTE W/ AT LEAST 1 CHAR           | 193                     |
|   |                         | HAS A U CODE                            | 236                     | U WASTE W/ AT LEAST 1 CHAR           | 813                     |
| <b>TOTAL</b>  | <b>4,741</b>            | <b>TOTAL</b>                            | <b>236</b>              | <b>TOTAL</b>                         | <b>12,466</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, D003, F005, D007, D008, D011, F002, D022

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 2211  | ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION     | 4,350          |
| 2            | 3251  | BASIC CHEMICAL MANUFACTURING                                 | 3,394          |
| 3            | 5629  | REMEDIATION AND OTHER WASTE MANAGEMENT SERVICES              | 3,062          |
| 4            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES     | 2,631          |
| 5            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                    | 2,544          |
| 6            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING   | 1,690          |
| 7            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                   | 1,546          |
| 8            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING         | 1,466          |
| 9            | 5417  | SCIENTIFIC RESEARCH AND DEVELOPMENT SERVICES                 | 1,253          |
| 10           | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING | 1,118          |
| <b>Total</b> |       |  | <b>23,057</b>  |

## MASSACHUSETTS

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 33

9 Quantity of RCRA Hazardous Waste Managed: 3,193 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                               | City            | Tons of Waste Managed |
|--------------|--------------|---|-----------------|-----------------------|
| 1            | MAD053452637 | CLEAN HARBORS OF BRAINTREE              | BRAINTREE       | 2,060                 |
| 2            | MAD001039767 | BOSTIK INC                              | MIDDLETON       | 320                   |
| 3            | MAD041710609 | TECH-ETCH INC                           | PLYMOUTH        | 146                   |
| 4            | MAR000008375 | ECOLOGY RECOVERY SYSTEM INC             | WORCESTER       | 138                   |
| 5            | MAD980672216 | VALLEY PLATING INC                      | SPRINGFIELD     | 110                   |
| 6            | MAD054430095 | POLY METAL FINISHING                    | SPRINGFIELD     | 91                    |
| 7            | MAD063894786 | GENERAL METAL FINISHING LLC             | ATTLEBORO       | 90                    |
| 8            | MAD062179890 | ENVIRONMENTAL COMPLIANCE CORPORATION    | STOUGHTON       | 87                    |
| 9            | MAD001023084 | HAARTZ CORPORATION                      | ACTON           | 44                    |
| 10           | MAD087452611 | RANDOLPH PRODUCTS COMPANY               | CHICOPEE        | 33                    |
| 11           | MAC300000643 | NANTERO INC                             | WOBURN          | 25                    |
| 12           | MAD047075734 | TRIUMVIRATE ENVIRONMENTAL MERRIMACK INC | LOWELL          | 10                    |
| 13           | MAD980915755 | COMPLETE RECYCLING SOLUTIONS LLC        | FALL RIVER      | 8                     |
| 14           | MAC300004546 | TARGET T1266                            | WOBURN          | 6                     |
| 15           | MAC300005121 | TARGET T1229                            | EVERETT         | 3                     |
| 16           | MAC300004694 | TARGET T1835                            | MILLBURY        | 3                     |
| 17           | MAC300004579 | TARGET T1442                            | WATERTOWN       | 2                     |
| 18           | MAC300004603 | TARGET T1898                            | DORCHESTER      | 2                     |
| 19           | MAC300004819 | TARGET T1930                            | PLAINVILLE      | 2                     |
| 20           | MAC300006814 | TARGET T2173                            | ABINGTON        | 2                     |
| 21           | MAC300009206 | TARGET T2292                            | WAREHAM         | 2                     |
| 22           | MAC300005592 | TARGET T2127                            | LANESBORO       | 2                     |
| 23           | MAR000503508 | TARGET T1281                            | MILFORD         | 2                     |
| 24           | MAC300004561 | TARGET T1308                            | FRAMINGHAM      | 2                     |
| 25           | MAD099198178 | TUFTS UNIVERSITY HEALTH SCIENCES CAMPUS | BOSTON          | 1                     |
| 26           | MAC300006806 | TARGET T2167                            | NORTH DARTMOUTH | 1                     |
| 27           | MAC300008455 | TARGET T2267                            | SOUTH EASTON    | 1                     |
| 28           | MAC300009313 | TARGET T2287                            | METHUEN         | 1                     |
| 29           | MAC300004652 | TARGET T1839                            | HADLEY          | 1                     |
| 30           | MAC300010279 | METAL SEPARATIONS INC                   | NORTH ANDOVER   | 1                     |
| 31           | MAD001963263 | HARVARD UNIVERSITY - CAMBRIDGE CAMPUS   | CAMBRIDGE       | 0                     |
| 32           | MAD985288265 | BOSTON UNIVERSITY                       | BOSTON          | 0                     |
| 33           | MAD001425594 | MASSACHUSETTS INSTITUTE OF TECHNOLOGY   | CAMBRIDGE       | 0                     |
| <b>Total</b> |              |   |                 | <b>3,193</b>          |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## MASSACHUSETTS

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT        | 346                        | 10.8                      | 3                       | 9.1                         |
| ENERGY RECOVERY                    | 320                        | 10.0                      | 1                       | 3.0                         |
| FUEL BLENDING                      | 95                         | 3.0                       | 2                       | 6.1                         |
| LAND TREATMENT/APPLICATION/FARMING | 10                         | 0.3                       | 1                       | 3.0                         |
| METALS RECOVERY                    | 147                        | 4.6                       | 4                       | 12.1                        |
| OTHER DISPOSAL                     | 104                        | 3.3                       | 16                      | 48.5                        |
| OTHER TREATMENT                    | 25                         | 0.8                       | 1                       | 3.0                         |
| SOLVENTS RECOVERY                  | 170                        | 5.3                       | 6                       | 18.2                        |
| STABILIZATION                      | 1,977                      | 61.9                      | 1                       | 3.0                         |
|                                    | 3,193                      | 100.0                     | 33                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STABILIZATION                      | 1,977                      | 61.9                      | 1                       | 3.0                         |
| AQUEOUS INORGANIC TREATMENT        | 346                        | 10.8                      | 3                       | 9.1                         |
| ENERGY RECOVERY                    | 320                        | 10.0                      | 1                       | 3.0                         |
| SOLVENTS RECOVERY                  | 170                        | 5.3                       | 6                       | 18.2                        |
| METALS RECOVERY                    | 147                        | 4.6                       | 4                       | 12.1                        |
| OTHER DISPOSAL                     | 104                        | 3.3                       | 16                      | 48.5                        |
| FUEL BLENDING                      | 95                         | 3.0                       | 2                       | 6.1                         |
| OTHER TREATMENT                    | 25                         | 0.8                       | 1                       | 3.0                         |
| LAND TREATMENT/APPLICATION/FARMING | 10                         | 0.3                       | 1                       | 3.0                         |
|                                    | 3,193                      | 100.0                     | 33                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL                     | 104                        | 3.3                       | 16                      | 48.5                        |
| SOLVENTS RECOVERY                  | 170                        | 5.3                       | 6                       | 18.2                        |
| METALS RECOVERY                    | 147                        | 4.6                       | 4                       | 12.1                        |
| AQUEOUS INORGANIC TREATMENT        | 346                        | 10.8                      | 3                       | 9.1                         |
| FUEL BLENDING                      | 95                         | 3.0                       | 2                       | 6.1                         |
| STABILIZATION                      | 1,977                      | 61.9                      | 1                       | 3.0                         |
| ENERGY RECOVERY                    | 320                        | 10.0                      | 1                       | 3.0                         |
| OTHER TREATMENT                    | 25                         | 0.8                       | 1                       | 3.0                         |
| LAND TREATMENT/APPLICATION/FARMING | 10                         | 0.3                       | 1                       | 3.0                         |
|                                    | 3,193                      | 100.0                     | 33                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D008, D011, D001, F002, F003, F005, D009, D022, D002, D007

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## MASSACHUSETTS

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 449

16 Quantity of RCRA Hazardous Waste Shipped: 42,013

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City            | Quantity Shipped<br>(Tons) |
|--------------|--------------|--|-----------------|----------------------------|
| 1            | MAC300012994 | NATIONAL GRID NEWBURYPORT MGP              | NEWBURYPORT     | 3,467                      |
| 2            | MAD000189068 | MA COM INC                                 | BURLINGTON      | 2,981                      |
| 3            | MAD053452637 | CLEAN HARBORS OF BRAINTREE                 | BRAINTREE       | 2,957                      |
| 4            | MAD000844597 | WATERS CORPORATION                         | TAUNTON         | 2,584                      |
| 5            | MAD047075734 | TRIUMVIRATE ENVIRONMENTAL MERRIMACK INC    | LOWELL          | 1,459                      |
| 6            | MAD019371079 | GENERAL CHEMICAL CORPORATION               | FRAMINGHAM      | 1,210                      |
| 7            | MAD002084093 | GENERAL ELECTRIC COMPANY                   | PITTSFIELD      | 1,059                      |
| 8            | MAD000844498 | ROHM AND HAAS ELECTRONIC MATERIALS LLC     | MARLBOROUGH     | 1,045                      |
| 9            | MAD001128032 | WYMAN-GORDON COMPANY                       | NORTH GRAFTON   | 829                        |
| 10           | MAC300009909 | BRISTOL-MYERS SQUIBB                       | DEVENS          | 714                        |
| 11           | MAD001039767 | BOSTIK INC                                 | MIDDLETON       | 710                        |
| 12           | MAR000010504 | INTEL MASSACHUSETTS INC                    | HUDSON          | 707                        |
| 13           | MAD128422870 | METALOR TECHNOLOGIES USA (REFINING)        | NORTH ATTLEBORO | 632                        |
| 14           | MAD096287354 | SAFETY-KLEEN SYSTEMS INC                   | WEST BROOKFIELD | 590                        |
| 15           | MAD982198434 | JOHNSON MATTHEY PHARMACEUTICAL MATERIALS   | NORTH ANDOVER   | 567                        |
| 16           | MAC300013570 | WESTERN MASS ELECTRIC COMPANY MANHOLE C    | SPRINGFIELD     | 559                        |
| 17           | MAR000009605 | ISP FREETOWN FINE CHEMICALS INC            | ASSONET         | 554                        |
| 18           | MAD053483467 | THE GILLETTE COMPANY                       | ANDOVER         | 463                        |
| 19           | MAD001114818 | SOLUTIA INC                                | SPRINGFIELD     | 451                        |
| 20           | MAD059721944 | LIFE TECHNOLOGIES                          | BEDFORD         | 388                        |
| 21           | MAC300014768 | MASSACHUSETTS DEPARTMENT OF TRANSPORTATION | BOSTON          | 383                        |
| 22           | MAD060095569 | SAFETY-KLEEN SYSTEMS INC                   | SALISBURY       | 372                        |
| 23           | MAD001136035 | FLEXCON COMPANY INC                        | SPENCER         | 348                        |
| 24           | MAD001408517 | GE AVIATION LYNN                           | LYNN            | 342                        |
| 25           | MAR000500454 | JOHNSON MATTHEY PHARMACEUTICAL MATERIALS   | DEVENS          | 326                        |
| 26           | MAD041710609 | TECH-ETCH INC                              | PLYMOUTH        | 321                        |
| 27           | MAD000649640 | ANALOG DEVICES INC                         | WILMINGTON      | 319                        |
| 28           | MAD047982152 | COYNE TEXTILE SERVICES                     | NEW BEDFORD     | 304                        |
| 29           | MAD001047620 | THE DUNCAN GROUP                           | EVERETT         | 295                        |
| 30           | MAC300001088 | V&S TAUNTON GALVANIZING LLC                | TAUNTON         | 252                        |
| 31           | MAC300017670 | MAYHEW STEEL PRODUCTS INC                  | SHELburne FALLS | 248                        |
| 32           | MA5000001792 | AVECIA BIOTECHNOLOGY INC                   | MILFORD         | 246                        |
| 33           | MAD088977186 | BORDEN & REMINGTON                         | FALL RIVER      | 241                        |
| 34           | MAR000007955 | PCI SYNTHESIS                              | NEWBURYPORT     | 240                        |
| 35           | MAD001050152 | EMD MILLIPORE CORPORATION                  | BEDFORD         | 237                        |
| 36           | MAC300012655 | MASSACHUSETTS ELECTRIC COMPANY             | WALTHAM         | 234                        |
| 37           | MAD001114206 | SMITH & WESSON CORP                        | SPRINGFIELD     | 232                        |
| 38           | MAR000011924 | WHEELABRATOR MILLBURY INC                  | MILLBURY        | 216                        |
| 39           | MAD001119593 | WESTFIELD ELECTROPLATING CO INC            | WESTFIELD       | 216                        |
| 40           | MAC300010642 | WHEELABRATOR NORTH ANDOVER INC             | NORTH ANDOVER   | 214                        |
| 41           | MAD001116938 | SAVAGE ARMS INC                            | WESTFIELD       | 211                        |
| 42           | MAD000842427 | EXXONMOBIL EVERETT TERMINAL                | EVERETT         | 208                        |
| 43           | MAD981062284 | SUPERCON INC                               | SHREWSBURY      | 208                        |
| 44           | MAR000501551 | ENTEGRIS INC                               | BILLERICA       | 202                        |
| 45           | MAD981069701 | PHARMASOL CORP                             | EASTON          | 198                        |
| 46           | MAD985290055 | BABS FOUNDRY INC                           | NORTON          | 182                        |
| 47           | MAC300002706 | WHEELABRATOR SAUGUS INC                    | SAUGUS          | 180                        |
| 48           | MAD000846147 | EXXONMOBIL OIL SPRINGFIELD TERMINAL        | SPRINGFIELD     | 178                        |
| 49           | MAD088978143 | SAFETY-KLEEN SYSTEMS INC                   | MARLBOROUGH     | 175                        |
| 50           | MAR000509505 | MAJILITE MANUFACTURING INC                 | DRACUT          | 174                        |
| <b>Total</b> |              |  |                 | <b>31,430</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## MASSACHUSETTS

### 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 10

19 Quantity of RCRA Hazardous Waste Received: 8,917 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                               | City            | Quantity Received<br>(Tons) |
|--------------|--------------|---|-----------------|-----------------------------|
| 1            | MAD053452637 | CLEAN HARBORS OF BRAINTREE              | BRAINTREE       | 6,768                       |
| 2            | MAD047075734 | TRIUMVIRATE ENVIRONMENTAL MERRIMACK INC | LOWELL          | 1,185                       |
| 3            | MAD096287354 | SAFETY-KLEEN SYSTEMS INC                | WEST BROOKFIELD | 369                         |
| 4            | MAD060095569 | SAFETY-KLEEN SYSTEMS INC                | SALISBURY       | 242                         |
| 5            | MAR000008375 | ECOLOGY RECOVERY SYSTEM INC             | WORCESTER       | 138                         |
| 6            | MAD062179890 | ENVIRONMENTAL COMPLIANCE CORPORATION    | STOUGHTON       | 120                         |
| 7            | MAD088978143 | SAFETY-KLEEN SYSTEMS INC                | MARLBOROUGH     | 81                          |
| 8            | MAD980915755 | COMPLETE RECYCLING SOLUTIONS LLC        | FALL RIVER      | 8                           |
| 9            | MAD002084093 | GENERAL ELECTRIC COMPANY                | PITTSFIELD      | 4                           |
| 10           | MAC300010279 | METAL SEPARATIONS INC                   | NORTH ANDOVER   | 3                           |
| <b>Total</b> |              |   |                 | <b>8,917</b>                |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## MASSACHUSETTS

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method**  
**Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING                      | 95                         | 1.1                       | 2                       | 20.0                        |
| LAND TREATMENT/APPLICATION/FARMING | 10                         | 0.1                       | 1                       | 10.0                        |
| METALS RECOVERY                    | 147                        | 1.6                       | 3                       | 30.0                        |
| OTHER DISPOSAL                     | 75                         | 0.8                       | 1                       | 10.0                        |
| STABILIZATION                      | 1,977                      | 22.2                      | 1                       | 10.0                        |
| STORAGE AND/OR TRANSFER            | 6,614                      | 74.2                      | 8                       | 80.0                        |
|                                    | 8,917                      | 100.0                     | 10                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed**  
**Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER            | 6,614                      | 74.2                      | 8                       | 80.0                        |
| STABILIZATION                      | 1,977                      | 22.2                      | 1                       | 10.0                        |
| METALS RECOVERY                    | 147                        | 1.6                       | 3                       | 30.0                        |
| FUEL BLENDING                      | 95                         | 1.1                       | 2                       | 20.0                        |
| OTHER DISPOSAL                     | 75                         | 0.8                       | 1                       | 10.0                        |
| LAND TREATMENT/APPLICATION/FARMING | 10                         | 0.1                       | 1                       | 10.0                        |
|                                    | 8,917                      | 100.0                     | 10                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities**  
**Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER            | 6,614                      | 74.2                      | 8                       | 80.0                        |
| METALS RECOVERY                    | 147                        | 1.6                       | 3                       | 30.0                        |
| FUEL BLENDING                      | 95                         | 1.1                       | 2                       | 20.0                        |
| STABILIZATION                      | 1,977                      | 22.2                      | 1                       | 10.0                        |
| OTHER DISPOSAL                     | 75                         | 0.8                       | 1                       | 10.0                        |
| LAND TREATMENT/APPLICATION/FARMING | 10                         | 0.1                       | 1                       | 10.0                        |
|                                    | 8,917                      | 100.0                     | 10                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## MASSACHUSETTS

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 38,234 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 1,963 Tons

**26 Massachusetts Interstate Shipment / Receipts (As reported by Massachusetts):**

The State to which Massachusetts shipped the largest quantity of waste was Connecticut (7,877 tons).

The State that shipped the largest quantity of waste to Massachusetts was New Hampshire (469 tons).

## MICHIGAN

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 467

2 Quantity of RCRA Hazardous Waste Generated: 282,895 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                 | City          | Total Generated<br>(Tons) |
|--------------|--------------|---|---------------|---------------------------|
| 1            | MID000724831 | MICHIGAN DISPOSAL INC                     | BELLEVILLE    | 95,519                    |
| 2            | MID000820381 | PHARMACIA & UPJOHN COMPANY LLC            | PORTAGE       | 42,422                    |
| 3            | MID000724724 | THE DOW CHEMICAL COMPANY                  | MIDLAND       | 36,956                    |
| 4            | MID000809632 | DOW CORNING CORPORATION                   | MIDLAND       | 16,457                    |
| 5            | MID087054078 | MACSTEEL MONROE INC                       | MONROE        | 7,693                     |
| 6            | MID006545511 | ESCO COMPANY LLC                          | MUSKEGON      | 6,103                     |
| 7            | MID005338801 | GAGE PRODUCTS CO                          | FERNDALE      | 5,377                     |
| 8            | MID064197742 | BASF CORP                                 | WYANDOTTE     | 3,928                     |
| 9            | MID068814482 | GERDAU MACSTEEL                           | JACKSON       | 2,946                     |
| 10           | MID005358825 | DUPONT PERFORMANCE COATINGS LLC           | MOUNT CLEMENS | 2,580                     |
| 11           | MID080358351 | BAYER CROPSCIENCE LP                      | MUSKEGON      | 2,569                     |
| 12           | MID080361454 | ALBEMARLE CORPORATION                     | SOUTH HAVEN   | 2,498                     |
| 13           | MID005506357 | MARATHON PETROLEUM COMPANY LP             | DETROIT       | 2,486                     |
| 14           | MID009305665 | AUTOMOTIVE COMPONENTS HOLDINGS LLC        | SALINE        | 2,277                     |
| 15           | MID005038500 | HOLCIM US INC                             | DUNDEE        | 2,219                     |
| 16           | MID981197254 | VENTRA GREENWICH HOLDING CORP             | IONIA         | 1,993                     |
| 17           | MIK685619629 | NEXTEER AUTOMOTIVE CORPORATION            | SAGINAW       | 1,991                     |
| 18           | MID981092190 | DOUBLE EAGLE STEEL COATING CO             | DEARBORN      | 1,591                     |
| 19           | MID980991566 | EQ DETROIT INC                            | DETROIT       | 1,500                     |
| 20           | MID005320031 | AJAX METAL PROCESSING INC                 | DETROIT       | 1,473                     |
| 21           | MID000809764 | FORD MOTOR COMPANY                        | DEARBORN      | 1,441                     |
| 22           | MID981090509 | LACKS INDUSTRIES INC                      | KENTWOOD      | 1,414                     |
| 23           | MID087738431 | SEVERSTAL DEARBORN, LLC                   | DEARBORN      | 1,391                     |
| 24           | MIK913424495 | INENTEC CHEMICAL MIDLAND LLC              | MIDLAND       | 1,373                     |
| 25           | MID005517198 | HONEYWELL INTERNATIONAL INC               | DETROIT       | 1,208                     |
| 26           | MIK581138880 | STYRON CORPORATION                        | MIDLAND       | 1,202                     |
| 27           | MID092947928 | DRUG AND LABORATORY DISPOSAL INC          | PLAINWELL     | 1,016                     |
| 28           | MIR000017673 | ARKEMA INC                                | GRAND RAPIDS  | 994                       |
| 29           | MID000722942 | HOWMET CORPORATION                        | WHITEHALL     | 859                       |
| 30           | MID002931228 | ANDERSON DEVELOPMENT CO                   | ADRIAN        | 826                       |
| 31           | MID982062671 | MI DEPT/TRANSPORTATION                    | SAINT IGNACE  | 805                       |
| 32           | MIT270010549 | NATIONAL STANDARD COMPANY LLC             | NILES         | 785                       |
| 33           | MID048090633 | WAYNE DISPOSAL INC                        | BELLEVILLE    | 775                       |
| 34           | MID985579895 | AKZO NOBEL COATINGS INC                   | PONTIAC       | 756                       |
| 35           | MIR000005975 | MPW INDUSTRIAL SVCS INC                   | CHESTERFIELD  | 713                       |
| 36           | MIK693256695 | LACKS INDUSTRIES INC                      | KENTWOOD      | 703                       |
| 37           | MID082767591 | MICHIGAN SEAMLESS TUBE LLC                | SOUTH LYON    | 685                       |
| 38           | MID005356951 | GENERAL MOTORS LLC                        | FLINT         | 671                       |
| 39           | MID005319231 | CHEMETALL US INC                          | ROMULUS       | 670                       |
| 40           | MID083684290 | VERTELLUS HEALTH & SPECIALTY PRODUCTS LLC | ZEELAND       | 658                       |
| 41           | MID000775908 | PARKER HANNIFIN CORPORATION               | LAKEVIEW      | 644                       |
| 42           | MID003906773 | GENERAL MOTORS LLC                        | FLINT         | 628                       |
| 43           | MID085890846 | ALLIED FINISHING INC                      | GRAND RAPIDS  | 564                       |
| 44           | MID985569987 | CHRYSLER GROUP LLC                        | DETROIT       | 553                       |
| 45           | MIK114737711 | ADEPT PLASTIC FINISHING INC               | WIXOM         | 550                       |
| 46           | MID006025324 | HASTINGS MANUFACTURING COMPANY LLC        | HASTINGS      | 548                       |
| 47           | MID985567130 | LAPEER PLATING AND PLASTICS INC           | LAPEER        | 492                       |
| 48           | MID006020929 | THE SHERWIN WILLIAMS CO                   | HOLLAND       | 469                       |
| 49           | MID006409387 | PLASTIC PLATE INC                         | GRAND RAPIDS  | 451                       |
| 50           | MIR000032045 | WHITE PINE COPPER REFINERY INC            | WHITE PINE    | 419                       |
| <b>Total</b> |              |   |               | <b>264,840</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## MICHIGAN

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 15,024                  | ONLY AN F CODE                | 110,960                 |  |                         |
| ONLY CORROSIVE                        | 2,106                   | ONLY A K CODE                 | 186                     |  |                         |
| ONLY REACTIVE                         | 267                     | ONLY A P CODE                 | 234                     |  |                         |
| ONLY D004-17                          | 7,724                   | ONLY A U CODE                 | 204                     |  |                         |
| ONLY D018-43                          | 3,435                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 28,910                  | HAS MORE THAN ONE LISTED CODE | 38,503                  |  |                         |
| <b>TOTAL</b>                          | <b>57,466</b>           | <b>TOTAL</b>                  | <b>150,086</b>          | <b>Both Characteristic and Listed</b>          | <b>75,342</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 18,845                  |   |                         | IGN. W/ AT LEAST 1 LSTD              | 57,953                  |
| HAS CORROSIVE CODE  | 12,923                  |   |                         | CORR. W/ AT LEAST 1 LSTD             | 4,738                   |
| HAS REACTIVE CODE   | 1,304                   |   |                         | REACT. W/ AT LEAST 1 LSTD            | 7,878                   |
| HAS D004-D017 CODE  | 14,568                  |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 28,260                  |
| HAS D018-D043 CODE  | 12,065                  |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 45,403                  |
|   |                         | HAS AN F CODE                           | 38,472                  | F WASTE W/ AT LEAST 1 CHAR           | 63,116                  |
|   |                         | HAS A K CODE                            | 3,939                   | K WASTE W/ AT LEAST 1 CHAR           | 11,731                  |
|   |                         | HAS A P CODE                            | 86                      | P WASTE W/ AT LEAST 1 CHAR           | 155                     |
|   |                         | HAS A U CODE                            | 34,833                  | U WASTE W/ AT LEAST 1 CHAR           | 3,087                   |
| <b>TOTAL</b>  | <b>28,910</b>           | <b>TOTAL</b>                            | <b>38,503</b>           | <b>TOTAL</b>                         | <b>75,342</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, F003, F005, D002, F002, D035, D007, D008, D018, D003

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 5622  | WASTE TREATMENT AND DISPOSAL   | 101,062        |
| 2            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                                | 45,300         |
| 3            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING     | 39,561         |
| 4            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 23,119         |
| 5            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 12,081         |
| 6            | 3251  | BASIC CHEMICAL MANUFACTURING   | 11,684         |
| 7            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 9,769          |
| 8            | 3363  | MOTOR VEHICLE PARTS MANUFACTURING  | 9,612          |
| 9            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                     | 6,647          |
| 10           | 3361  | MOTOR VEHICLE MANUFACTURING  | 4,263          |
| <b>Total</b> |       |  | <b>263,097</b> |

## MICHIGAN

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 17

9 Quantity of RCRA Hazardous Waste Managed: 558,252 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                               | City         | Tons of Waste Managed |
|--------------|--------------|---|--------------|-----------------------|
| 1            | MID000724831 | MICHIGAN DISPOSAL INC                   | BELLEVILLE   | 261,370               |
| 2            | MID980991566 | EQ DETROIT INC                          | DETROIT      | 110,548               |
| 3            | MID048090633 | WAYNE DISPOSAL INC                      | BELLEVILLE   | 62,435                |
| 4            | MID000724724 | THE DOW CHEMICAL COMPANY                | MIDLAND      | 39,074                |
| 5            | MID074259565 | DYNECOL INC                             | DETROIT      | 34,351                |
| 6            | MID005338801 | GAGE PRODUCTS CO                        | FERNDALE     | 20,783                |
| 7            | MID980615298 | PETRO-CHEM PROCESSING GROUP OF NORTRU L | DETROIT      | 19,962                |
| 8            | MID000820381 | PHARMACIA & UPJOHN COMPANY LLC          | PORTAGE      | 6,162                 |
| 9            | MID006545511 | ESCO COMPANY LLC                        | MUSKEGON     | 3,411                 |
| 10           | MID985566223 | FLINT HILLS RESOURCES POLYMERS LLC      | MARYSVILLE   | 68                    |
| 11           | MID985568641 | II STANLEY CO INC                       | BATTLE CREEK | 53                    |
| 12           | MID985568021 | CHEMICAL ANALYTICS INC                  | ROMULUS      | 26                    |
| 13           | MID081609067 | WORK SKILLS CORP                        | BRIGHTON     | 3                     |
| 14           | MID092947928 | DRUG AND LABORATORY DISPOSAL INC        | PLAINWELL    | 2                     |
| 15           | MIR000011387 | DECC CO INC                             | GRAND RAPIDS | 1                     |
| 16           | MID080357395 | SIEMENS INDUSTRY INC                    | HOLLAND      | 1                     |
| 17           | MID053343976 | MICHIGAN STATE UNIVERSITY               | LANSING      | 1                     |
| <b>Total</b> |              |   |              | <b>558,252</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## MICHIGAN

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT        | 171,084                    | 30.6                      | 5                       | 29.4                        |
| AQUEOUS ORGANIC TREATMENT          | 884                        | 0.2                       | 1                       | 5.9                         |
| DEEPWELL OR UNDERGROUND INJECTION  | 6,240                      | 1.1                       | 3                       | 17.6                        |
| ENERGY RECOVERY                    | 0                          | 0.0                       | 1                       | 5.9                         |
| FUEL BLENDING                      | 19,996                     | 3.6                       | 6                       | 35.3                        |
| INCINERATION                       | 38,217                     | 6.8                       | 6                       | 35.3                        |
| LAND TREATMENT/APPLICATION/FARMING | 34                         | 0.0                       | 1                       | 5.9                         |
| LANDFILL/SURFACE IMPOUNDMENT       | 146,447                    | 26.2                      | 2                       | 11.8                        |
| METALS RECOVERY                    | 25                         | 0.0                       | 3                       | 17.6                        |
| OTHER DISPOSAL                     | 25,854                     | 4.6                       | 1                       | 5.9                         |
| OTHER RECOVERY                     | 6,302                      | 1.1                       | 2                       | 11.8                        |
| OTHER TREATMENT                    | 106                        | 0.0                       | 6                       | 35.3                        |
| SLUDGE TREATMENT                   | 25                         | 0.0                       | 2                       | 11.8                        |
| SOLVENTS RECOVERY                  | 24,248                     | 4.3                       | 6                       | 35.3                        |
| STABILIZATION                      | 118,791                    | 21.3                      | 8                       | 47.1                        |
|                                    | 558,252                    | 100.0                     | 17                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT        | 171,084                    | 30.6                      | 5                       | 29.4                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 146,447                    | 26.2                      | 2                       | 11.8                        |
| STABILIZATION                      | 118,791                    | 21.3                      | 8                       | 47.1                        |
| INCINERATION                       | 38,217                     | 6.8                       | 6                       | 35.3                        |
| OTHER DISPOSAL                     | 25,854                     | 4.6                       | 1                       | 5.9                         |
| SOLVENTS RECOVERY                  | 24,248                     | 4.3                       | 6                       | 35.3                        |
| FUEL BLENDING                      | 19,996                     | 3.6                       | 6                       | 35.3                        |
| OTHER RECOVERY                     | 6,302                      | 1.1                       | 2                       | 11.8                        |
| DEEPWELL OR UNDERGROUND INJECTION  | 6,240                      | 1.1                       | 3                       | 17.6                        |
| AQUEOUS ORGANIC TREATMENT          | 884                        | 0.2                       | 1                       | 5.9                         |
| OTHER TREATMENT                    | 106                        | 0.0                       | 6                       | 35.3                        |
| LAND TREATMENT/APPLICATION/FARMING | 34                         | 0.0                       | 1                       | 5.9                         |
| METALS RECOVERY                    | 25                         | 0.0                       | 3                       | 17.6                        |
| SLUDGE TREATMENT                   | 25                         | 0.0                       | 2                       | 11.8                        |
| ENERGY RECOVERY                    | 0                          | 0.0                       | 1                       | 5.9                         |
|                                    | 558,252                    | 100.0                     | 17                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STABILIZATION                      | 118,791                    | 21.3                      | 8                       | 47.1                        |
| SOLVENTS RECOVERY                  | 24,248                     | 4.3                       | 6                       | 35.3                        |
| FUEL BLENDING                      | 19,996                     | 3.6                       | 6                       | 35.3                        |
| INCINERATION                       | 38,217                     | 6.8                       | 6                       | 35.3                        |
| OTHER TREATMENT                    | 106                        | 0.0                       | 6                       | 35.3                        |
| AQUEOUS INORGANIC TREATMENT        | 171,084                    | 30.6                      | 5                       | 29.4                        |
| DEEPWELL OR UNDERGROUND INJECTION  | 6,240                      | 1.1                       | 3                       | 17.6                        |
| METALS RECOVERY                    | 25                         | 0.0                       | 3                       | 17.6                        |
| SLUDGE TREATMENT                   | 25                         | 0.0                       | 2                       | 11.8                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 146,447                    | 26.2                      | 2                       | 11.8                        |
| OTHER RECOVERY                     | 6,302                      | 1.1                       | 2                       | 11.8                        |
| OTHER DISPOSAL                     | 25,854                     | 4.6                       | 1                       | 5.9                         |
| AQUEOUS ORGANIC TREATMENT          | 884                        | 0.2                       | 1                       | 5.9                         |
| ENERGY RECOVERY                    | 0                          | 0.0                       | 1                       | 5.9                         |
| LAND TREATMENT/APPLICATION/FARMING | 34                         | 0.0                       | 1                       | 5.9                         |
|                                    | 558,252                    | 100.0                     | 17                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D002, D008, D007, D001, F003, D006, F005, D005, D035, D004

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## MICHIGAN

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 472

16 Quantity of RCRA Hazardous Waste Shipped: 177,852

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                 | City          | Quantity Shipped<br>(Tons) |
|-------|--------------|---|---------------|----------------------------|
| 1     | MID000820381 | PHARMACIA & UPJOHN COMPANY LLC            | PORTAGE       | 36,260                     |
| 2     | MID980615298 | PETRO-CHEM PROCESSING GROUP OF NORTRU LI  | DETROIT       | 20,434                     |
| 3     | MID000809632 | DOW CORNING CORPORATION                   | MIDLAND       | 16,457                     |
| 4     | MID980991566 | EQ DETROIT INC                            | DETROIT       | 9,251                      |
| 5     | MID087054078 | MACSTEEL MONROE INC                       | MONROE        | 7,693                      |
| 6     | MID005338801 | GAGE PRODUCTS CO                          | FERNDAL       | 6,466                      |
| 7     | MID074259565 | DYNECOL INC                               | DETROIT       | 5,333                      |
| 8     | MID064197742 | BASF CORP                                 | WYANDOTTE     | 3,928                      |
| 9     | MID068814482 | GERDAU MACSTEEL                           | JACKSON       | 2,946                      |
| 10    | MID006545511 | ESCO COMPANY LLC                          | MUSKEGON      | 2,692                      |
| 11    | MID000724831 | MICHIGAN DISPOSAL INC                     | BELLEVILLE    | 2,616                      |
| 12    | MID005358825 | DUPONT PERFORMANCE COATINGS LLC           | MOUNT CLEMENS | 2,580                      |
| 13    | MID080358351 | BAYER CROSCIENCE LP                       | MUSKEGON      | 2,569                      |
| 14    | MID080361454 | ALBEMARLE CORPORATION                     | SOUTH HAVEN   | 2,498                      |
| 15    | MID005506357 | MARATHON PETROLEUM COMPANY LP             | DETROIT       | 2,486                      |
| 16    | MID009305665 | AUTOMOTIVE COMPONENTS HOLDINGS LLC        | SALINE        | 2,277                      |
| 17    | MID005038500 | HOLCIM US INC                             | DUNDEE        | 2,219                      |
| 18    | MID981197254 | VENTRA GREENWICH HOLDING CORP             | IONIA         | 1,993                      |
| 19    | MIK685619629 | NEXTEER AUTOMOTIVE CORPORATION            | SAGINAW       | 1,991                      |
| 20    | MID981092190 | DOUBLE EAGLE STEEL COATING CO             | DEARBORN      | 1,591                      |
| 21    | MID005320031 | AJAX METAL PROCESSING INC                 | DETROIT       | 1,473                      |
| 22    | MID000809764 | FORD MOTOR COMPANY                        | DEARBORN      | 1,441                      |
| 23    | MID981090509 | LACKS INDUSTRIES INC                      | KENTWOOD      | 1,414                      |
| 24    | MID087738431 | SEVERSTAL DEARBORN, LLC                   | DEARBORN      | 1,391                      |
| 25    | MIK913424495 | INENTEC CHEMICAL MIDLAND LLC              | MIDLAND       | 1,373                      |
| 26    | MID005517198 | HONEYWELL INTERNATIONAL INC               | DETROIT       | 1,208                      |
| 27    | MIK581138880 | STYRON CORPORATION                        | MIDLAND       | 1,202                      |
| 28    | MID092947928 | DRUG AND LABORATORY DISPOSAL INC          | PLAINWELL     | 1,016                      |
| 29    | MIR000017673 | ARKEMA INC                                | GRAND RAPIDS  | 994                        |
| 30    | MID000722942 | HOWMET CORPORATION                        | WHITEHALL     | 859                        |
| 31    | MID002931228 | ANDERSON DEVELOPMENT CO                   | ADRIAN        | 826                        |
| 32    | MID982062671 | MI DEPT/TRANSPORTATION                    | SAINT IGNACE  | 805                        |
| 33    | MIT270010549 | NATIONAL STANDARD COMPANY LLC             | NILES         | 785                        |
| 34    | MID985579895 | AKZO NOBEL COATINGS INC                   | PONTIAC       | 756                        |
| 35    | MIR000005975 | MPW INDUSTRIAL SVCS INC                   | CHESTERFIELD  | 713                        |
| 36    | MIK693256695 | LACKS INDUSTRIES INC                      | KENTWOOD      | 703                        |
| 37    | MID082767591 | MICHIGAN SEAMLESS TUBE LLC                | SOUTH LYON    | 685                        |
| 38    | MID005356951 | GENERAL MOTORS LLC                        | FLINT         | 671                        |
| 39    | MID005319231 | CHEMETALL US INC                          | ROMULUS       | 670                        |
| 40    | MID083684290 | VERTELLUS HEALTH & SPECIALTY PRODUCTS LLC | ZEELAND       | 658                        |
| 41    | MID000775908 | PARKER HANNIFIN CORPORATION               | LAKEVIEW      | 644                        |
| 42    | MID003906773 | GENERAL MOTORS LLC                        | FLINT         | 628                        |
| 43    | MID085890846 | ALLIED FINISHING INC                      | GRAND RAPIDS  | 564                        |
| 44    | MID985569987 | CHRYSLER GROUP LLC                        | DETROIT       | 553                        |
| 45    | MIK114737711 | ADEPT PLASTIC FINISHING INC               | WIXOM         | 550                        |
| 46    | MID006025324 | HASTINGS MANUFACTURING COMPANY LLC        | HASTINGS      | 548                        |
| 47    | MID985567130 | LAPEER PLATING AND PLASTICS INC           | LAPEER        | 492                        |
| 48    | MID006020929 | THE SHERWIN WILLIAMS CO                   | HOLLAND       | 469                        |
| 49    | MID006409387 | PLASTIC PLATE INC                         | GRAND RAPIDS  | 451                        |
| 50    | MIR000032045 | WHITE PINE COPPER REFINERY INC            | WHITE PINE    | 419                        |
| Total |              |   |               | 159,240                    |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**MICHIGAN****2011 WASTE RECEIPTS****18 Number of RCRA Hazardous Waste Receivers: 14****19 Quantity of RCRA Hazardous Waste Received: 443,698 Tons****20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011**

| Rank         | EPA ID       | Site Name                                 | City       | Quantity Received<br>(Tons) |
|--------------|--------------|---|------------|-----------------------------|
| 1            | MID000724831 | MICHIGAN DISPOSAL INC                     | BELLEVILLE | 175,103                     |
| 2            | MID980991566 | EQ DETROIT INC                            | DETROIT    | 116,061                     |
| 3            | MID048090633 | WAYNE DISPOSAL INC                        | BELLEVILLE | 61,671                      |
| 4            | MID074259565 | DYNECOL INC                               | DETROIT    | 38,880                      |
| 5            | MID980615298 | PETRO-CHEM PROCESSING GROUP OF NORTRU LLC | DETROIT    | 27,327                      |
| 6            | MID005338801 | GAGE PRODUCTS CO                          | FERNDALE   | 20,853                      |
| 7            | MID000724724 | THE DOW CHEMICAL COMPANY                  | MIDLAND    | 2,119                       |
| 8            | MID092947928 | DRUG AND LABORATORY DISPOSAL INC          | PLAINWELL  | 676                         |
| 9            | MID091605972 | DETREX CORP                               | DETROIT    | 353                         |
| 10           | MID000809632 | DOW CORNING CORPORATION                   | MIDLAND    | 294                         |
| 11           | MID985568021 | CHEMICAL ANALYTICS INC                    | ROMULUS    | 250                         |
| 12           | MID053343976 | MICHIGAN STATE UNIVERSITY                 | LANSING    | 80                          |
| 13           | MID000820381 | PHARMACIA & UPJOHN COMPANY LLC            | PORTAGE    | 31                          |
| 14           | MIR000001834 | UNIVERSITY OF MICHIGAN                    | BELLEVILLE | 0                           |
| <b>Total</b> |              |   |            | <b>443,698</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## MICHIGAN

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT        | 169,513                    | 38.2                      | 5                       | 35.7                        |
| AQUEOUS ORGANIC TREATMENT          | 884                        | 0.2                       | 1                       | 7.1                         |
| DEEPWELL OR UNDERGROUND INJECTION  | 78                         | 0.0                       | 2                       | 14.3                        |
| ENERGY RECOVERY                    | 0                          | 0.0                       | 1                       | 7.1                         |
| FUEL BLENDING                      | 19,996                     | 4.5                       | 6                       | 42.9                        |
| INCINERATION                       | 1,261                      | 0.3                       | 6                       | 42.9                        |
| LAND TREATMENT/APPLICATION/FARMING | 34                         | 0.0                       | 1                       | 7.1                         |
| LANDFILL/SURFACE IMPOUNDMENT       | 62,133                     | 14.0                      | 2                       | 14.3                        |
| METALS RECOVERY                    | 25                         | 0.0                       | 3                       | 21.4                        |
| OTHER DISPOSAL                     | 25,854                     | 5.8                       | 1                       | 7.1                         |
| OTHER RECOVERY                     | 6,302                      | 1.4                       | 2                       | 14.3                        |
| OTHER TREATMENT                    | 53                         | 0.0                       | 5                       | 35.7                        |
| SLUDGE TREATMENT                   | 25                         | 0.0                       | 2                       | 14.3                        |
| SOLVENTS RECOVERY                  | 20,766                     | 4.7                       | 2                       | 14.3                        |
| STABILIZATION                      | 116,015                    | 26.1                      | 7                       | 50.0                        |
| STORAGE AND/OR TRANSFER            | 20,760                     | 4.7                       | 14                      | 100.0                       |
|                                    | 443,698                    | 100.0                     | 14                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT        | 169,513                    | 38.2                      | 5                       | 35.7                        |
| STABILIZATION                      | 116,015                    | 26.1                      | 7                       | 50.0                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 62,133                     | 14.0                      | 2                       | 14.3                        |
| OTHER DISPOSAL                     | 25,854                     | 5.8                       | 1                       | 7.1                         |
| SOLVENTS RECOVERY                  | 20,766                     | 4.7                       | 2                       | 14.3                        |
| STORAGE AND/OR TRANSFER            | 20,760                     | 4.7                       | 14                      | 100.0                       |
| FUEL BLENDING                      | 19,996                     | 4.5                       | 6                       | 42.9                        |
| OTHER RECOVERY                     | 6,302                      | 1.4                       | 2                       | 14.3                        |
| INCINERATION                       | 1,261                      | 0.3                       | 6                       | 42.9                        |
| AQUEOUS ORGANIC TREATMENT          | 884                        | 0.2                       | 1                       | 7.1                         |
| DEEPWELL OR UNDERGROUND INJECTION  | 78                         | 0.0                       | 2                       | 14.3                        |
| OTHER TREATMENT                    | 53                         | 0.0                       | 5                       | 35.7                        |
| LAND TREATMENT/APPLICATION/FARMING | 34                         | 0.0                       | 1                       | 7.1                         |
| METALS RECOVERY                    | 25                         | 0.0                       | 3                       | 21.4                        |
| SLUDGE TREATMENT                   | 25                         | 0.0                       | 2                       | 14.3                        |
| ENERGY RECOVERY                    | 0                          | 0.0                       | 1                       | 7.1                         |
|                                    | 443,698                    | 100.0                     | 14                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER            | 20,760                     | 4.7                       | 14                      | 100.0                       |
| STABILIZATION                      | 116,015                    | 26.1                      | 7                       | 50.0                        |
| FUEL BLENDING                      | 19,996                     | 4.5                       | 6                       | 42.9                        |
| INCINERATION                       | 1,261                      | 0.3                       | 6                       | 42.9                        |
| OTHER TREATMENT                    | 53                         | 0.0                       | 5                       | 35.7                        |
| AQUEOUS INORGANIC TREATMENT        | 169,513                    | 38.2                      | 5                       | 35.7                        |
| METALS RECOVERY                    | 25                         | 0.0                       | 3                       | 21.4                        |
| SOLVENTS RECOVERY                  | 20,766                     | 4.7                       | 2                       | 14.3                        |
| OTHER RECOVERY                     | 6,302                      | 1.4                       | 2                       | 14.3                        |
| DEEPWELL OR UNDERGROUND INJECTION  | 78                         | 0.0                       | 2                       | 14.3                        |
| SLUDGE TREATMENT                   | 25                         | 0.0                       | 2                       | 14.3                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 62,133                     | 14.0                      | 2                       | 14.3                        |
| OTHER DISPOSAL                     | 25,854                     | 5.8                       | 1                       | 7.1                         |
| LAND TREATMENT/APPLICATION/FARMING | 34                         | 0.0                       | 1                       | 7.1                         |
| ENERGY RECOVERY                    | 0                          | 0.0                       | 1                       | 7.1                         |
| AQUEOUS ORGANIC TREATMENT          | 884                        | 0.2                       | 1                       | 7.1                         |
|                                    | 443,698                    | 100.0                     | 14                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**MICHIGAN**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 116,410 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 347,160 Tons

**26 Michigan Interstate Shipment / Receipts (As reported by Michigan):**

The State to which Michigan shipped the largest quantity of waste was Ohio (58,435 tons).

The State that shipped the largest quantity of waste to Michigan was Ohio (138,321 tons).

## MINNESOTA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 323

2 Quantity of RCRA Hazardous Waste Generated: 357,412 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                | City            | Total Generated<br>(Tons) |
|--------------|--------------|--|-----------------|---------------------------|
| 1            | MND006148092 | GOPHER RESOURCE CORPORATION              | EAGAN           | 258,749                   |
| 2            | MND000686071 | FLINT HILLS RESOURCES, L.P.              | ROSEMOUNT       | 38,061                    |
| 3            | MND006449649 | NORTHSHORE MINING COMPANY                | SILVER BAY      | 15,353                    |
| 4            | MND006172969 | 3M COMPANY                               | COTTAGE GROVE   | 10,739                    |
| 5            | MND981098478 | SIEMENS INDUSTRY, INC.                   | ROSEVILLE       | 7,340                     |
| 6            | MNR000031393 | INCERTEC                                 | FRIDLEY         | 6,167                     |
| 7            | MND006253801 | SUPERIOR PLATING INC                     | MINNEAPOLIS     | 1,942                     |
| 8            | MND006172902 | 3M COMPANY - HUTCHINSON                  | HUTCHINSON      | 1,073                     |
| 9            | MND985767482 | ECO FINISHING INC.                       | FRIDLEY         | 931                       |
| 10           | MND006162820 | SAINT PAUL PARK REFINING CO LLC          | ST. PAUL PARK   | 833                       |
| 11           | MNS000136846 | AZZ GALVANIZING-WINSTED                  | WINSTED         | 827                       |
| 12           | MND006173082 | 3M COMPANY - CENTER - MAPLEWOOD          | MAPLEWOOD       | 781                       |
| 13           | MND006172621 | CO-OPERATIVE PLATING COMPANY             | ST. PAUL        | 750                       |
| 14           | MND006456768 | HUTCHINSON TECHNOLOGY INCORPORATED       | HUTCHINSON      | 735                       |
| 15           | MND006156590 | FEDERAL CARTRIDGE COMPANY                | ANOKA           | 611                       |
| 16           | MND985688670 | ROCHESTER MEDICAL CORPORATION - SITE 2   | STEWARTVILLE    | 529                       |
| 17           | MND980681589 | AVTEC FINISHING SYSTEMS, INC.            | NEW HOPE        | 337                       |
| 18           | MNT280010257 | NICO PRODUCTS, INC.                      | MINNEAPOLIS     | 300                       |
| 19           | MND046707444 | CERAM-TRAZ DB/A CERAMIC INDUSTRIAL COATI | OSSEO           | 291                       |
| 20           | MND006206403 | BELL LUMBER & POLE CO.                   | NEW BRIGHTON    | 283                       |
| 21           | MND980794705 | DOUGLAS CORPORATION                      | EDEN PRAIRIE    | 271                       |
| 22           | MND985677954 | BOSTON SCIENTIFIC PLYMOUTH FACILITY      | PLYMOUTH        | 264                       |
| 23           | MND985700582 | GE OSMONICS, INC.                        | MINNETONKA      | 240                       |
| 24           | MND003898871 | ZALK STEEL & SUPPLY COMPANY              | MINNEAPOLIS     | 240                       |
| 25           | MND083467688 | MAYO CLINIC - ROCHESTER                  | ROCHESTER       | 226                       |
| 26           | MND006147268 | MULTEK FLEXIBLE CIRCUITS, INC. 805 NORTH | NORTHFIELD      | 216                       |
| 27           | MND985748763 | ANAGRAM INTERNATIONAL                    | EDEN PRARIE     | 208                       |
| 28           | MND006158588 | PEERLESS CHAIN COMPANY                   | WINONA          | 207                       |
| 29           | MND006251839 | WOLKERSTORFER CO., INC.                  | NEW BRIGHTON    | 203                       |
| 30           | MND981089832 | AC UNIVERSAL CIRCUITS, LLC.              | MAPLE GROVE     | 201                       |
| 31           | MND006167332 | ANDERSEN CORPORATION                     | BAYPORT         | 194                       |
| 32           | MND985762681 | QUALITY CIRCUITS INC                     | FERGUS FALLS    | 191                       |
| 33           | MND006478523 | DOUGLAS CORPORATION, PLATING DIVISION    | ST. LOUIS PARK  | 188                       |
| 34           | MND006209860 | CRYSTAL CABINET WORKS INC                | PRINCETON       | 178                       |
| 35           | MND980996433 | POLAR SEMICONDUCTOR INC.                 | BLOOMINGTON     | 177                       |
| 36           | MNR000077834 | MATERIALS PROCESSING CORPORATION         | MENDOTA HEIGHTS | 177                       |
| 37           | MND981953045 | SAFETY-KLEEN SYSTEMS, INC.               | BLAINE          | 175                       |
| 38           | MND132405473 | HENNEPIN COUNTY MEDICAL CENTER           | MINNEAPOLIS     | 173                       |
| 39           | MNR000102509 | HOOD PACKING COPORATION                  | ARDEN HILLS     | 165                       |
| 40           | MNR000114652 | TYCO HEALTH GROUP                        | PLYMOUTH        | 163                       |
| 41           | MND006252324 | GENPAK LLC                               | BLOOMINGTON     | 159                       |
| 42           | MND981190549 | DUGAS BOWERS PLATING CO                  | FRIDLEY         | 159                       |
| 43           | MND006963508 | DELTA AIR LINES INC.                     | MINNEAPOLIS     | 152                       |
| 44           | MND982205874 | BERGQUIST COMPANY - SIL-PAD DIVISION     | CANNON FALLS    | 145                       |
| 45           | MND054487756 | MCNEILUS TRUCK AND MANUFACTURING, INC.   | DODGE CENTER    | 136                       |
| 46           | MND118765791 | CYPRESS SEMICONDUCTOR MINNESOTA          | BLOOMINGTON     | 129                       |
| 47           | MNT280011776 | X-CEL OPTICAL COMPANY                    | SAUK RAPIDS     | 126                       |
| 48           | MND006147045 | CYTEC ENGINEERED MATERIALS, INC.         | WINONA          | 126                       |
| 49           | MND006247514 | CROWN EXTRUSIONS, INC.                   | CHASKA          | 124                       |
| 50           | MND982424202 | MULTEK FLEXIBLE CIRCUITS, INC. 1150 SHEL | NORTHFIELD      | 120                       |
| <b>Total</b> |              |  |                 | <b>352,064</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## MINNESOTA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 1,483                   | ONLY AN F CODE                | 3,378                   |  |                         |
| ONLY CORROSIVE                        | 17,622                  | ONLY A K CODE                 | 604                     |  |                         |
| ONLY REACTIVE                         | 23                      | ONLY A P CODE                 | 16                      |  |                         |
| ONLY D004-17                          | 34,959                  | ONLY A U CODE                 | 11                      |  |                         |
| ONLY D018-43                          | 550                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 236,701                 | HAS MORE THAN ONE LISTED CODE | 3,424                   |  |                         |
| <b>TOTAL</b>                          | <b>291,338</b>          | <b>TOTAL</b>                  | <b>7,434</b>            | <b>Both Characteristic and Listed</b>          | <b>58,574</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 2,283                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 17,461                  |
| HAS CORROSIVE CODE  | 235,842                 |   |                         | CORR. W/ AT LEAST 1 LSTD             | 2,740                   |
| HAS REACTIVE CODE   | 1,174                   |   |                         | REACT. W/ AT LEAST 1 LSTD            | 254                     |
| HAS D004-D017 CODE  | 236,275                 |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 46,900                  |
| HAS D018-D043 CODE  | 930                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 44,038                  |
|   |                         | HAS AN F CODE                           | 3,423                   | F WASTE W/ AT LEAST 1 CHAR           | 52,077                  |
|   |                         | HAS A K CODE                            | 40                      | K WASTE W/ AT LEAST 1 CHAR           | 37,937                  |
|   |                         | HAS A P CODE                            | 1                       | P WASTE W/ AT LEAST 1 CHAR           | 303                     |
|   |                         | HAS A U CODE                            | 3,383                   | U WASTE W/ AT LEAST 1 CHAR           | 974                     |
| <b>TOTAL</b>  | <b>236,701</b>          | <b>TOTAL</b>                            | <b>3,424</b>            | <b>TOTAL</b>                         | <b>58,574</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, F003, D008, D035, F005, D011, D009, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING | 258,750        |
| 2            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                    | 38,894         |
| 3            | 5622  | WASTE TREATMENT AND DISPOSAL                                 | 18,177         |
| 4            | 2122  | METAL ORE MINING   | 15,353         |
| 5            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES     | 12,840         |
| 6            | 3261  | PLASTICS PRODUCT MANUFACTURING                               | 1,702          |
| 7            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING   | 1,467          |
| 8            | 3391  | MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING                 | 1,192          |
| 9            | 3329  | OTHER FABRICATED METAL PRODUCT MANUFACTURING                 | 857            |
| 10           | 5417  | SCIENTIFIC RESEARCH AND DEVELOPMENT SERVICES                 | 797            |
| <b>Total</b> |       |  | <b>350,029</b> |

## MINNESOTA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 75

9 Quantity of RCRA Hazardous Waste Managed: 423,446 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                                  | City             | Tons of Waste Managed |
|-------|--------------|--|------------------|-----------------------|
| 1     | MND006148092 | GOPHER RESOURCE CORPORATION                | EAGAN            | 365,538               |
| 2     | MND006172969 | 3M COMPANY                                 | COTTAGE GROVE    | 20,585                |
| 3     | MND006449649 | NORTHSHORE MINING COMPANY                  | SILVER BAY       | 15,151                |
| 4     | MND981098478 | SIEMENS INDUSTRY, INC.                     | ROSEVILLE        | 13,611                |
| 5     | MNR000031393 | INCERTEC                                   | FRIDLEY          | 5,824                 |
| 6     | MND006253801 | SUPERIOR PLATING INC                       | MINNEAPOLIS      | 1,505                 |
| 7     | MND985767482 | ECO FINISHING INC.                         | FRIDLEY          | 423                   |
| 8     | MND006251839 | WOLKERSTORFER CO., INC.                    | NEW BRIGHTON     | 143                   |
| 9     | MNT280011776 | X-CEL OPTICAL COMPANY                      | SAUK RAPIDS      | 91                    |
| 10    | MNR000107573 | ADVANCE CORPORATION                        | COTTAGE GROVE    | 68                    |
| 11    | MNR000023200 | SYNOVIS SURGICAL INNOVATION                | ST PAUL          | 64                    |
| 12    | MND006172621 | CO-OPERATIVE PLATING COMPANY               | ST. PAUL         | 56                    |
| 13    | MND006156590 | FEDERAL CARTRIDGE COMPANY                  | ANOKA            | 48                    |
| 14    | MND980996805 | ENIVRO-CHEM, INC.                          | ROGERS           | 33                    |
| 15    | MND006151336 | INTERPLASTIC CORPORATION - MINNEAPOLIS PLA | MINNEAPOLIS      | 32                    |
| 16    | MND006454854 | DURA SUPREME, INC.                         | HOWARD LAKE      | 29                    |
| 17    | MND116224288 | PROFESSIONAL PLATING INC                   | ANOKA            | 25                    |
| 18    | MND982426488 | HB FULLER COMPANY                          | VADNAIS HEIGHTS  | 22                    |
| 19    | MND980824890 | BAE SYSTEMS (OLD - FMC )                   | FRIDLEY          | 14                    |
| 20    | MND081138604 | ALLIANT TECHSYSTEMS PROVING GROUNDS        | ST. FRANCIS      | 13                    |
| 21    | MND080248750 | VALMONT APPLIED COATING TECHNOLOGY         | MENDOTA HEIGHTS  | 10                    |
| 22    | MNR000117192 | UPSHER SMITH LABORATORIES, INC             | MAPLE GROVE      | 10                    |
| 23    | MND037335072 | BECKMAN COULTER INC. 1000 LAKE HAZELTINE   | CHASKA           | 8                     |
| 24    | MND132405473 | HENNEPIN COUNTY MEDICAL CENTER             | MINNEAPOLIS      | 7                     |
| 25    | MNS000111971 | TARGET STORE #T0821                        | ALEXANDRIA       | 5                     |
| 26    | MNR000004143 | IMATION CORP.                              | OAKDALE          | 5                     |
| 27    | MND985754738 | TARGET STORE #T2313                        | EDINA            | 5                     |
| 28    | MND985754597 | TARGET STORE #T0657                        | BEMIDJI          | 4                     |
| 29    | MNR000057042 | TARGET STORE #T0693                        | BROOKLYN PARK    | 4                     |
| 30    | MND985712397 | TARGET STORE #T0100                        | MINNETONKA       | 4                     |
| 31    | MND168853729 | TARGET STORE #T2046                        | WEST ST PAUL     | 4                     |
| 32    | MND981536444 | TARGET STORE #T0930                        | SAINT CLOUD      | 4                     |
| 33    | MND985754654 | TARGET STORE #T2229                        | SAINT PAUL       | 4                     |
| 34    | MND985704295 | TARGET STORE #T0215                        | SAINT CLOUD      | 4                     |
| 35    | MND120016480 | TARGET STORE #T2200                        | FRIDLEY          | 4                     |
| 36    | MNR000066431 | TARGET STORE #T1144                        | COON RAPIDS      | 4                     |
| 37    | MND985712918 | TARGET STORE #T2340                        | BURNSVILLE       | 4                     |
| 38    | MND030005474 | TARGET STORE #T2101                        | ROSEVILLE        | 4                     |
| 39    | MNR000068056 | TARGET STORE #T1375                        | MINNEAPOLIS      | 3                     |
| 40    | MNS000109124 | TARGET STORE #T1448                        | LINO LAKES       | 3                     |
| 41    | MND083467688 | MAYO CLINIC - ROCHESTER                    | ROCHESTER        | 3                     |
| 42    | MND985743822 | TARGET STORE #T0005                        | BLOOMINGTON      | 3                     |
| 43    | MND985754720 | TARGET STORE #T0220                        | EDEN PRAIRIE     | 3                     |
| 44    | MND120015821 | TARGET STORE #T2189                        | ST LOUIS PARK    | 3                     |
| 45    | MNR000111542 | TARGET STORE #T0847                        | VIRGINIA         | 3                     |
| 46    | MND985715341 | TARGET STORE #T0360                        | EAGAN            | 3                     |
| 47    | MND985754621 | TARGET STORE #T1185                        | NORTH SAINT PAUL | 3                     |
| 48    | MNR000116277 | TARGET STORE #T1356                        | MINNETONKA       | 3                     |
| 49    | MND985754662 | TARGET STORE #T0260                        | SAINT LOUIS PARK | 3                     |
| 50    | MNR000024166 | TARGET STORE #T0663                        | MANKATO          | 3                     |
| Total |              |  |                  | 423,404               |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## MINNESOTA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT        | 14,241                     | 3.4                       | 9                       | 12.0                        |
| INCINERATION                       | 20,598                     | 4.9                       | 2                       | 2.7                         |
| LAND TREATMENT/APPLICATION/FARMING | 15,151                     | 3.6                       | 1                       | 1.3                         |
| METALS RECOVERY                    | 141,781                    | 33.5                      | 4                       | 5.3                         |
| OTHER DISPOSAL                     | 3,754                      | 0.9                       | 51                      | 68.0                        |
| OTHER RECOVERY                     | 10                         | 0.0                       | 2                       | 2.7                         |
| OTHER TREATMENT                    | 227,664                    | 53.8                      | 14                      | 18.7                        |
| SLUDGE TREATMENT                   | 171                        | 0.0                       | 1                       | 1.3                         |
| SOLVENTS RECOVERY                  | 52                         | 0.0                       | 7                       | 9.3                         |
| STABILIZATION                      | 22                         | 0.0                       | 1                       | 1.3                         |
|                                    | 423,446                    | 100.0                     | 75                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT                    | 227,664                    | 53.8                      | 14                      | 18.7                        |
| METALS RECOVERY                    | 141,781                    | 33.5                      | 4                       | 5.3                         |
| INCINERATION                       | 20,598                     | 4.9                       | 2                       | 2.7                         |
| LAND TREATMENT/APPLICATION/FARMING | 15,151                     | 3.6                       | 1                       | 1.3                         |
| AQUEOUS INORGANIC TREATMENT        | 14,241                     | 3.4                       | 9                       | 12.0                        |
| OTHER DISPOSAL                     | 3,754                      | 0.9                       | 51                      | 68.0                        |
| SLUDGE TREATMENT                   | 171                        | 0.0                       | 1                       | 1.3                         |
| SOLVENTS RECOVERY                  | 52                         | 0.0                       | 7                       | 9.3                         |
| STABILIZATION                      | 22                         | 0.0                       | 1                       | 1.3                         |
| OTHER RECOVERY                     | 10                         | 0.0                       | 2                       | 2.7                         |
|                                    | 423,446                    | 100.0                     | 75                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL                     | 3,754                      | 0.9                       | 51                      | 68.0                        |
| OTHER TREATMENT                    | 227,664                    | 53.8                      | 14                      | 18.7                        |
| AQUEOUS INORGANIC TREATMENT        | 14,241                     | 3.4                       | 9                       | 12.0                        |
| SOLVENTS RECOVERY                  | 52                         | 0.0                       | 7                       | 9.3                         |
| METALS RECOVERY                    | 141,781                    | 33.5                      | 4                       | 5.3                         |
| OTHER RECOVERY                     | 10                         | 0.0                       | 2                       | 2.7                         |
| INCINERATION                       | 20,598                     | 4.9                       | 2                       | 2.7                         |
| STABILIZATION                      | 22                         | 0.0                       | 1                       | 1.3                         |
| SLUDGE TREATMENT                   | 171                        | 0.0                       | 1                       | 1.3                         |
| LAND TREATMENT/APPLICATION/FARMING | 15,151                     | 3.6                       | 1                       | 1.3                         |
|                                    | 423,446                    | 100.0                     | 75                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D002, D007, D001, F006, D008, D011, D006, D035, D003, F003

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## MINNESOTA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 322

16 Quantity of RCRA Hazardous Waste Shipped: 69,223

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                | City            | Quantity Shipped<br>(Tons) |
|-------|--------------|--|-----------------|----------------------------|
| 1     | MND000686071 | FLINT HILLS RESOURCES, L.P.              | ROSEMOUNT       | 35,923                     |
| 2     | MND006172969 | 3M COMPANY                               | COTTAGE GROVE   | 8,571                      |
| 3     | MND981098478 | SIEMENS INDUSTRY, INC.                   | ROSEVILLE       | 4,080                      |
| 4     | MND006158588 | PEERLESS CHAIN COMPANY                   | WINONA          | 2,085                      |
| 5     | MND006172902 | 3M COMPANY - HUTCHINSON                  | HUTCHINSON      | 1,073                      |
| 6     | MNS000136846 | AZZ GALVANIZING-WINSTED                  | WINSTED         | 827                        |
| 7     | MND006162820 | SAINT PAUL PARK REFINING CO LLC          | ST. PAUL PARK   | 818                        |
| 8     | MND006173082 | 3M COMPANY - CENTER - MAPLEWOOD          | MAPLEWOOD       | 781                        |
| 9     | MND006456768 | HUTCHINSON TECHNOLOGY INCORPORATED       | HUTCHINSON      | 735                        |
| 10    | MND006172621 | CO-OPERATIVE PLATING COMPANY             | ST. PAUL        | 713                        |
| 11    | MND985688670 | ROCHESTER MEDICAL CORPORATION - SITE 2   | STEWARTVILLE    | 529                        |
| 12    | MND985767482 | ECO FINISHING INC.                       | FRIDLEY         | 508                        |
| 13    | MND006253801 | SUPERIOR PLATING INC                     | MINNEAPOLIS     | 437                        |
| 14    | MND981953045 | SAFETY-KLEEN SYSTEMS, INC.               | BLAINE          | 384                        |
| 15    | MNR000031393 | INCERTEC                                 | FRIDLEY         | 340                        |
| 16    | MND980681589 | AVTEC FINISHING SYSTEMS, INC.            | NEW HOPE        | 337                        |
| 17    | MND006156590 | FEDERAL CARTRIDGE COMPANY                | ANOKA           | 322                        |
| 18    | MNT280010257 | NICO PRODUCTS, INC.                      | MINNEAPOLIS     | 301                        |
| 19    | MND046707444 | CERAM-TRAZ DB/A CERAMIC INDUSTRIAL COATI | OSSEO           | 291                        |
| 20    | MND980794705 | DOUGLAS CORPORATION                      | EDEN PRAIRIE    | 271                        |
| 21    | MND985677954 | BOSTON SCIENTIFIC PLYMOUTH FACILITY      | PLYMOUTH        | 269                        |
| 22    | MND981097884 | SAFETY-KLEEN SYSTEMS, INC.               | EAGAN           | 240                        |
| 23    | MND985700582 | GE OSMONICS, INC.                        | MINNETONKA      | 240                        |
| 24    | MND003898871 | ZALK STEEL & SUPPLY COMPANY              | MINNEAPOLIS     | 240                        |
| 25    | MND083467688 | MAYO CLINIC - ROCHESTER                  | ROCHESTER       | 223                        |
| 26    | MND006147268 | MULTEK FLEXIBLE CIRCUITS, INC. 805 NORTH | NORTHFIELD      | 215                        |
| 27    | MND985748763 | ANAGRAM INTERNATIONAL                    | EDEN PRARIE     | 208                        |
| 28    | MND981089832 | AC UNIVERSAL CIRCUITS, LLC.              | MAPLE GROVE     | 201                        |
| 29    | MND006167332 | ANDERSEN CORPORATION                     | BAYPORT         | 194                        |
| 30    | MND985762681 | QUALITY CIRCUITS INC                     | FERGUS FALLS    | 191                        |
| 31    | MND006478523 | DOUGLAS CORPORATION, PLATING DIVISION    | ST. LOUIS PARK  | 188                        |
| 32    | MND006209860 | CRYSTAL CABINET WORKS INC                | PRINCETON       | 178                        |
| 33    | MND980996433 | POLAR SEMICONDUCTOR INC.                 | BLOOMINGTON     | 177                        |
| 34    | MNR000077834 | MATERIALS PROCESSING CORPORATION         | MENDOTA HEIGHTS | 177                        |
| 35    | MND132405473 | HENNEPIN COUNTY MEDICAL CENTER           | MINNEAPOLIS     | 166                        |
| 36    | MNR000102509 | HOOD PACKING COPORATION                  | ARDEN HILLS     | 165                        |
| 37    | MNR000114652 | TYCO HEALTH GROUP                        | PLYMOUTH        | 163                        |
| 38    | MND006252324 | GENPAK LLC                               | BLOOMINGTON     | 159                        |
| 39    | MND981190549 | DUGAS BOWERS PLATING CO                  | FRIDLEY         | 159                        |
| 40    | MN0000981415 | U OF M - FTCEM                           | MINNEAPOLIS     | 156                        |
| 41    | MND006963508 | DELTA AIR LINES INC.                     | MINNEAPOLIS     | 153                        |
| 42    | MND982205874 | BERGQUIST COMPANY - SIL-PAD DIVISION     | CANNON FALLS    | 145                        |
| 43    | MND054487756 | MCNEILUS TRUCK AND MANUFACTURING, INC.   | DODGE CENTER    | 135                        |
| 44    | MND118765791 | CYPRESS SEMICONDUCTOR MINNESOTA          | BLOOMINGTON     | 129                        |
| 45    | MND006247514 | CROWN EXTRUSIONS, INC.                   | CHASKA          | 124                        |
| 46    | MND982424202 | MULTEK FLEXIBLE CIRCUITS, INC. 1150 SHEL | NORTHFIELD      | 120                        |
| 47    | MNR000017970 | HUTCHINSON TECHNOLOGY, INC. PLYMOUTH     | PLYMOUTH        | 120                        |
| 48    | MND006147045 | CYTEC ENGINEERED MATERIALS, INC.         | WINONA          | 118                        |
| 49    | MND050730175 | HARD CHROME, INC.                        | MINNEAPOLIS     | 100                        |
| 50    | MND985716554 | ALAMCO WOOD PRODUCTS, INC.               | ALBERT LEA      | 100                        |
| Total |              |  |                 | 64,479                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## MINNESOTA

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 9

19 Quantity of RCRA Hazardous Waste Received: 169,083 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                   | City          | Quantity Received<br>(Tons) |
|--------------|--------------|-----------------------------|---------------|-----------------------------|
| 1            | MND006148092 | GOPHER RESOURCE CORPORATION | EAGAN         | 139,639                     |
| 2            | MND006172969 | 3M COMPANY                  | COTTAGE GROVE | 18,413                      |
| 3            | MND981098478 | SIEMENS INDUSTRY, INC.      | ROSEVILLE     | 10,465                      |
| 4            | MND981953045 | SAFETY-KLEEN SYSTEMS, INC.  | BLAINE        | 206                         |
| 5            | MN0000981415 | U OF M - FTCEM              | MINNEAPOLIS   | 152                         |
| 6            | MND981097884 | SAFETY-KLEEN SYSTEMS, INC.  | EAGAN         | 143                         |
| 7            | MND980996805 | ENIVRO-CHEM, INC.           | ROGERS        | 33                          |
| 8            | MND000826206 | XCEL ENERGY CHESTNUT        | MINNEAPOLIS   | 30                          |
| 9            | MND083467688 | MAYO CLINIC - ROCHESTER     | ROCHESTER     | 2                           |
| <b>Total</b> |              |                             |               | <b>169,083</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## MINNESOTA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method**  
**Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 4,350                      | 2.6                       | 2                       | 22.2                        |
| INCINERATION                | 18,333                     | 10.8                      | 1                       | 11.1                        |
| METALS RECOVERY             | 141,781                    | 83.9                      | 3                       | 33.3                        |
| OTHER TREATMENT             | 997                        | 0.6                       | 1                       | 11.1                        |
| SLUDGE TREATMENT            | 171                        | 0.1                       | 1                       | 11.1                        |
| STORAGE AND/OR TRANSFER     | 3,450                      | 2.0                       | 7                       | 77.8                        |
|                             | 169,083                    | 100.0                     | 9                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed**  
**Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| METALS RECOVERY             | 141,781                    | 83.9                      | 3                       | 33.3                        |
| INCINERATION                | 18,333                     | 10.8                      | 1                       | 11.1                        |
| AQUEOUS INORGANIC TREATMENT | 4,350                      | 2.6                       | 2                       | 22.2                        |
| STORAGE AND/OR TRANSFER     | 3,450                      | 2.0                       | 7                       | 77.8                        |
| OTHER TREATMENT             | 997                        | 0.6                       | 1                       | 11.1                        |
| SLUDGE TREATMENT            | 171                        | 0.1                       | 1                       | 11.1                        |
|                             | 169,083                    | 100.0                     | 9                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities**  
**Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER     | 3,450                      | 2.0                       | 7                       | 77.8                        |
| METALS RECOVERY             | 141,781                    | 83.9                      | 3                       | 33.3                        |
| AQUEOUS INORGANIC TREATMENT | 4,350                      | 2.6                       | 2                       | 22.2                        |
| OTHER TREATMENT             | 997                        | 0.6                       | 1                       | 11.1                        |
| SLUDGE TREATMENT            | 171                        | 0.1                       | 1                       | 11.1                        |
| INCINERATION                | 18,333                     | 10.8                      | 1                       | 11.1                        |
|                             | 169,083                    | 100.0                     | 9                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## MINNESOTA

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 60,462 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 144,152 Tons

**26 Minnesota Interstate Shipment / Receipts (As reported by Minnesota):**

The State to which Minnesota shipped the largest quantity of waste was Maryland (17,916 tons).

The State that shipped the largest quantity of waste to Minnesota was Pennsylvania (38,487 tons).

## MISSISSIPPI

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 128

2 Quantity of RCRA Hazardous Waste Generated: 1,828,886 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                       | City            | Total Generated<br>(Tons) |
|--------------|--------------|---|-----------------|---------------------------|
| 1            | MSD096046792 | E.I. DU PONT DE NEMOURS AND COMPANY, INC. (DU   | PASS CHRISTIAN  | 1,754,314                 |
| 2            | MSR000103143 | SEVERSTAL COLUMBUS                              | COLUMBUS        | 29,165                    |
| 3            | MSD077655876 | HOLCIM (US) INC/GEOCYCLE LLC                    | ARTESIA         | 18,774                    |
| 4            | MSD008158685 | NUCOR STEEL JACKSON, INC.                       | FLOWOOD         | 6,633                     |
| 5            | MSD054179403 | CHEVRON PRODUCTS COMPANY                        | PASCAGOULA      | 4,014                     |
| 6            | MSD033417031 | FIRST CHEMICAL CORPORATION                      | PASCAGOULA      | 1,747                     |
| 7            | MSR000103507 | BALDWIN POLE MISSISSIPPI, L.L.C.                | WIGGINS         | 1,162                     |
| 8            | MSD041226382 | THE SCOTTS MIRACLE-GRO COMPANY                  | PEARL           | 1,082                     |
| 9            | MSD985966514 | TRINITY HIGHWAY PRODUCTS                        | KOSCIUSKO       | 1,014                     |
| 10           | MSD050648757 | INGALLS SHIPBUILDING, PASCAGOULA OPERATIONS     | PASCAGOULA      | 945                       |
| 11           | MSD980729198 | WOOD PRESERVING, INC                            | BROOKHAVEN      | 592                       |
| 12           | MSD054531215 | TRUE TEMPER SPORTS, INC.                        | AMORY           | 566                       |
| 13           | MSD985980481 | METAL COATERS                                   | JACKSON         | 546                       |
| 14           | MSD066106923 | PLATTE CHEMICAL COMPANY                         | GREENVILLE      | 495                       |
| 15           | MS0000876888 | LEADING EDGE MISSISSIPPI, INC.                  | GREENVILLE      | 449                       |
| 16           | MSD056029648 | POTTER PRODUCTION/BFEL INDEMNITOR               | WESSON          | 447                       |
| 17           | MSD130452501 | THOMAS & BETTS CORPORATION                      | SOUTHAVEN       | 427                       |
| 18           | MSD122687064 | CHANNEL CHEMICAL CORPORATION                    | GULFPORT        | 413                       |
| 19           | MSD010406809 | AZZ GALVANIZING - MOSS POINT                    | MOSS POINT      | 410                       |
| 20           | MSD000742668 | SABIC INNOVATIVE PLASTICS US, LLC               | BAY SAINT LOUIS | 403                       |
| 21           | MSR000101014 | NISSAN NORTH AMERICA, INC.                      | CANTON          | 384                       |
| 22           | MSD052512027 | AZZ GALVANIZING-JACKSON                         | RICHLAND        | 354                       |
| 23           | MSD008184657 | VALSPAR REFINISH                                | PICAYUNE        | 296                       |
| 24           | MSR000103945 | COLUMBUS ROLL SHOP DIV. CHROME DEPOSIT CO       | COLUMBUS        | 272                       |
| 25           | MSD098595317 | ERGON REFINING, INC.                            | VICKSBURG       | 271                       |
| 26           | MSD008186587 | ROHM AND HAAS CHEMICALS, LLC                    | MOSS POINT      | 266                       |
| 27           | MSD053796736 | OLIN CORP, WINCHESTER                           | OXFORD          | 252                       |
| 28           | MS0000043307 | PRECOAT METALS                                  | JACKSON         | 230                       |
| 29           | MSD081341729 | QUAD GRAPHICS PRINTING CORPORATION              | CORINTH         | 223                       |
| 30           | MSR000104240 | CAROLINA LOGISTICS SERVICES LLC                 | OLIVE BRANCH    | 215                       |
| 31           | MSD004001244 | COLUMBUS  | COLUMBUS        | 207                       |
| 32           | MSD008161432 | TERRA MISSISSIPPI NITROGEN, INC. (YAZOO FACILIT | YAZOO CITY      | 183                       |
| 33           | MSD007027543 | KOPPERS INC                                     | TIE PLANT       | 149                       |
| 34           | MSD982770547 | VALVOLINE CO., A DIVISION OF ASHLAND, INC       | HERNANDO        | 135                       |
| 35           | MSR000103424 | GULF SHIP, L.L.C                                | GULFPORT        | 118                       |
| 36           | MSD980709646 | EKA CHEMICALS INC.                              | COLUMBUS        | 106                       |
| 37           | MSD981749401 | US PROPERTY AND FISCAL OFFICE-MS                | HATTIESBURG     | 83                        |
| 38           | MSR000000026 | WORTHINGTON CYLINDERS MISSISSIPPI LLC           | NEW ALBANY      | 58                        |
| 39           | MSD982110389 | HUNTER DOUGLAS, INC                             | SHANNON         | 57                        |
| 40           | MSD000776765 | SAFETY-KLEEN SYSTEMS, INC                       | JACKSON         | 57                        |
| 41           | MSD982771826 | ODOM INDUSTRIES, INC.                           | WAYNESBORO      | 55                        |
| 42           | MSD008183519 | FERNWOOD INDUSTRIES, L.L.C.                     | FERNWOOD        | 55                        |
| 43           | MSR000004549 | ALUMINUM EXTRUSIONS, INC.                       | SENATOBIA       | 49                        |
| 44           | MSR000003004 | VT HALTER MARINE, INC PASCAGOULA OPERATIOI      | PASCAGOULA      | 49                        |
| 45           | MSD985968452 | T&L SPECIALTY CO., INC.                         | TUPELO          | 47                        |
| 46           | MSD052062353 | INGALLS SHIPBUILDING, GULFPORT OPERATIONS       | GULFPORT        | 44                        |
| 47           | MSR000103754 | TOYOTA MOTOR MANUFACTURING MISSISSIPPI, INC     | BLUE SPRINGS    | 43                        |
| 48           | MSD980601686 | CATERPILLAR REMANUFACTURING SERVICES            | CORINTH         | 39                        |
| 49           | MSR000005033 | POLYCHEMIE, INC. (D.B.A. SNF-POLYCHEMIE)        | PEARLINGTON     | 36                        |
| 50           | MSR000100974 | JOHNSON & JOHNSON OLIVE BRANCH                  | OLIVE BRANCH    | 34                        |
| <b>Total</b> |              |   |                 | <b>1,827,966</b>          |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## MISSISSIPPI

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 2,402                   | ONLY AN F CODE                | 4,097                   |  |                         |
| ONLY CORROSIVE                        | 802                     | ONLY A K CODE                 | 38,562                  |  |                         |
| ONLY REACTIVE                         | 1                       | ONLY A P CODE                 | 92                      |  |                         |
| ONLY D004-17                          | 2,152                   | ONLY A U CODE                 | 19                      |  |                         |
| ONLY D018-43                          | 658                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 1,756,899               | HAS MORE THAN ONE LISTED CODE | 36                      |  |                         |
| <b>TOTAL</b>                          | <b>1,762,913</b>        | <b>TOTAL</b>                  | <b>42,806</b>           | <b>Both Characteristic and Listed</b>          | <b>23,166</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 491                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 21,609                  |
| HAS CORROSIVE CODE  | 1,756,670               |   |                         | CORR. W/ AT LEAST 1 LSTD             | 130                     |
| HAS REACTIVE CODE   | 79                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 4                       |
| HAS D004-D017 CODE  | 1,756,529               |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 20,583                  |
| HAS D018-D043 CODE  | 219                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 21,204                  |
|   |                         | HAS AN F CODE                           | 36                      | F WASTE W/ AT LEAST 1 CHAR           | 22,027                  |
|   |                         | HAS A K CODE                            | 25                      | K WASTE W/ AT LEAST 1 CHAR           | 19,658                  |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 244                     |
|   |                         | HAS A U CODE                            | 11                      | U WASTE W/ AT LEAST 1 CHAR           | 18,806                  |
| <b>TOTAL</b>  | <b>1,756,899</b>        | <b>TOTAL</b>                            | <b>36</b>               | <b>TOTAL</b>                         | <b>23,166</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, F003, D008, D035, F005, D018, D009, D006

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated   |
|--------------|-------|--|------------------|
| 1            | 3251  | BASIC CHEMICAL MANUFACTURING   | 1,756,599        |
| 2            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 35,798           |
| 3            | 3273  | CEMENT AND CONCRETE PRODUCT MANUFACTURING                                | 18,774           |
| 4            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                                | 4,301            |
| 5            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 2,857            |
| 6            | 3211  | SAWMILLS AND WOOD PRESERVATION   | 1,979            |
| 7            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING     | 1,824            |
| 8            | 3366  | SHIP AND BOAT BUILDING   | 1,199            |
| 9            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 717              |
| 10           | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING             | 566              |
| <b>Total</b> |       |  | <b>1,824,615</b> |

## MISSISSIPPI

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 10

9 Quantity of RCRA Hazardous Waste Managed: 2,031,414 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                 | City              | Tons of Waste Managed |
|--------------|--------------|---|-------------------|-----------------------|
| 1            | MSD096046792 | E.I. DU PONT DE NEMOURS AND COMPANY, INC. | (I PASS CHRISTIAN | 1,754,301             |
| 2            | MSD008183519 | FERNWOOD INDUSTRIES, L.L.C.               | FERNWOOD          | 145,697               |
| 3            | MSD021019914 | AMERICAN WOOD - DIVISION OF POWE TIMBER   | RICHTON           | 109,921               |
| 4            | MSD077655876 | HOLCIM (US) INC/GEOCYCLE LLC              | ARTESIA           | 17,881                |
| 5            | MSD054179403 | CHEVRON PRODUCTS COMPANY                  | PASCAGOULA        | 1,881                 |
| 6            | MSR000103507 | BALDWIN POLE MISSISSIPPI, L.L.C.          | WIGGINS           | 1,142                 |
| 7            | MSD980729198 | WOOD PRESERVING, INC                      | BROOKHAVEN        | 588                   |
| 8            | MSR000104091 | TARGET STORE #T2442                       | OLIVE BRANCH      | 1                     |
| 9            | MSR000102848 | TARGET STORE #T2055                       | HATTIESBURG       | 1                     |
| 10           | MSD053796736 | OLIN CORP, WINCHESTER                     | OXFORD            | 0                     |
| <b>Total</b> |              |   |                   | <b>2,031,414</b>      |

Note: Column may not sum to total due to rounding.  
 State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.  
 Facilities reporting storage only and their quantity managed are excluded.

## MISSISSIPPI

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT         | 4                          | 0.0                       | 1                       | 10.0                        |
| DEEPWELL OR UNDERGROUND INJECTION | 1,754,301                  | 86.4                      | 1                       | 10.0                        |
| FUEL BLENDING                     | 17,881                     | 0.9                       | 1                       | 10.0                        |
| OTHER DISPOSAL                    | 257,350                    | 12.7                      | 6                       | 60.0                        |
| OTHER TREATMENT                   | 1,878                      | 0.1                       | 2                       | 20.0                        |
|                                   | 2,031,414                  | 100.0                     | 10                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| DEEPWELL OR UNDERGROUND INJECTION | 1,754,301                  | 86.4                      | 1                       | 10.0                        |
| OTHER DISPOSAL                    | 257,350                    | 12.7                      | 6                       | 60.0                        |
| FUEL BLENDING                     | 17,881                     | 0.9                       | 1                       | 10.0                        |
| OTHER TREATMENT                   | 1,878                      | 0.1                       | 2                       | 20.0                        |
| AQUEOUS ORGANIC TREATMENT         | 4                          | 0.0                       | 1                       | 10.0                        |
|                                   | 2,031,414                  | 100.0                     | 10                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL                    | 257,350                    | 12.7                      | 6                       | 60.0                        |
| OTHER TREATMENT                   | 1,878                      | 0.1                       | 2                       | 20.0                        |
| FUEL BLENDING                     | 17,881                     | 0.9                       | 1                       | 10.0                        |
| DEEPWELL OR UNDERGROUND INJECTION | 1,754,301                  | 86.4                      | 1                       | 10.0                        |
| AQUEOUS ORGANIC TREATMENT         | 4                          | 0.0                       | 1                       | 10.0                        |
|                                   | 2,031,414                  | 100.0                     | 10                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, F005, D007, D002, D018, D035, D010, D040, F002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## MISSISSIPPI

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 125

16 Quantity of RCRA Hazardous Waste Shipped: 72,996

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID        | Site Name                                     | City            | Quantity Shipped<br>(Tons) |
|--------------|---------------|---|-----------------|----------------------------|
| 1            | MSR000103143  | SEVERSTAL COLUMBUS                            | COLUMBUS        | 29,165                     |
| 2            | MSD077655876  | HOLCIM (US) INC/GEOCYCLE LLC                  | ARTESIA         | 18,773                     |
| 3            | MSD008158685  | NUCOR STEEL JACKSON, INC.                     | FLOWOOD         | 6,633                      |
| 4            | MSD054179403  | CHEVRON PRODUCTS COMPANY                      | PASCAGOULA      | 3,949                      |
| 5            | MSD033417031  | FIRST CHEMICAL CORPORATION                    | PASCAGOULA      | 1,747                      |
| 6            | MSD041226382  | THE SCOTTS MIRACLE-GRO COMPANY                | PEARL           | 1,541                      |
| 7            | MSD985966514  | TRINITY HIGHWAY PRODUCTS                      | KOSCIUSKO       | 1,014                      |
| 8            | MSD050648757  | INGALLS SHIPBUILDING, PASCAGOULA OPERATION    | PASCAGOULA      | 945                        |
| 9            | MSD054531215  | TRUE TEMPER SPORTS, INC.                      | AMORY           | 566                        |
| 10           | MSD066106923  | PLATTE CHEMICAL COMPANY                       | GREENVILLE      | 495                        |
| 11           | MS0000876888  | LEADING EDGE MISSISSIPPI, INC.                | GREENVILLE      | 449                        |
| 12           | MSD056029648  | POTTER PRODUCTION/BFEL INDEMNITOR             | WESSON          | 447                        |
| 13           | MSD130452501  | THOMAS & BETTS CORPORATION                    | SOUTHAVEN       | 427                        |
| 14           | MSD122687064  | CHANNEL CHEMICAL CORPORATION                  | GULFPORT        | 413                        |
| 15           | MSD010406809  | AZZ GALVANIZING - MOSS POINT                  | MOSS POINT      | 410                        |
| 16           | MSD000742668  | SABIC INNOVATIVE PLASTICS US, LLC             | BAY SAINT LOUIS | 403                        |
| 17           | MSR000101014  | NISSAN NORTH AMERICA, INC.                    | CANTON          | 384                        |
| 18           | MSD052512027  | AZZ GALVANIZING-JACKSON                       | RICHLAND        | 354                        |
| 19           | MSD985980481  | METAL COATERS                                 | JACKSON         | 311                        |
| 20           | MSD008184657  | VALSPAR REFINISH                              | PICAYUNE        | 296                        |
| 21           | MSR000103945  | COLUMBUS ROLL SHOP DIV. CHROME DEPOSIT CO     | COLUMBUS        | 272                        |
| 22           | MSD098595317  | ERGON REFINING, INC.                          | VICKSBURG       | 271                        |
| 23           | MSD008186587  | ROHM AND HAAS CHEMICALS, LLC                  | MOSS POINT      | 266                        |
| 24           | MSD053796736  | OLIN CORP, WINCHESTER                         | OXFORD          | 252                        |
| 25           | MS0000043307  | PRECOAT METALS                                | JACKSON         | 225                        |
| 26           | MSD081341729  | QUAD GRAPHICS PRINTING CORPORATION            | CORINTH         | 221                        |
| 27           | MSR000104240  | CAROLINA LOGISTICS SERVICES LLC               | OLIVE BRANCH    | 215                        |
| 28           | MSD004001244  | COLUMBUS                                      | COLUMBUS        | 207                        |
| 29           | MSD008161432  | TERRA MISSISSIPPI NITROGEN, INC. (YAZOO FACIL | YAZOO CITY      | 183                        |
| 30           | MSD007027543  | KOPPERS INC                                   | TIE PLANT       | 149                        |
| 31           | MSD982770547  | VALVOLINE CO., A DIVISION OF ASHLAND, INC     | HERNANDO        | 135                        |
| 32           | MSR000103424  | GULF SHIP, L.L.C                              | GULFPORT        | 118                        |
| 33           | MSD980709646  | EKA CHEMICALS INC.                            | COLUMBUS        | 106                        |
| 34           | MSD000776765  | SAFETY-KLEEN SYSTEMS, INC                     | JACKSON         | 98                         |
| 35           | MSD981749401  | US PROPERTY AND FISCAL OFFICE-MS              | HATTIESBURG     | 83                         |
| 36           | MSR0000000026 | WORTHINGTON CYLINDERS MISSISSIPPI LLC         | NEW ALBANY      | 58                         |
| 37           | MSD982110389  | HUNTER DOUGLAS, INC                           | SHANNON         | 57                         |
| 38           | MSD008183519  | FERNWOOD INDUSTRIES, L.L.C.                   | FERNWOOD        | 55                         |
| 39           | MSD982771826  | ODOM INDUSTRIES, INC.                         | WAYNESBORO      | 50                         |
| 40           | MSR000004549  | ALUMINUM EXTRUSIONS, INC.                     | SENATOBIA       | 49                         |
| 41           | MSR000003004  | VT HALTER MARINE, INC PASCAGOULA OPERATIO     | PASCAGOULA      | 49                         |
| 42           | MSD985968452  | T&L SPECIALTY CO., INC.                       | TUPELO          | 45                         |
| 43           | MSD052062353  | INGALLS SHIPBUILDING, GULFPORT OPERATIONS     | GULFPORT        | 44                         |
| 44           | MSR000103754  | TOYOTA MOTOR MANUFACTURING MISSISSIPPI, IN    | BLUE SPRINGS    | 43                         |
| 45           | MSD980601686  | CATERPILLAR REMANUFACTURING SERVICES          | CORINTH         | 39                         |
| 46           | MSR000005033  | POLYCHEMIE, INC. (D.B.A. SNF-POLYCHEMIE)      | PEARLINGTON     | 36                         |
| 47           | MSR000100974  | JOHNSON & JOHNSON OLIVE BRANCH                | OLIVE BRANCH    | 34                         |
| 48           | MSR000101931  | TIFFIN MOTORHOMES INC.                        | BELMONT         | 34                         |
| 49           | MSR000103275  | SEMISOUTH LABORATORIES INC                    | STARKVILLE      | 27                         |
| 50           | MSR000104075  | GE BATESVILLE COMPOSITE OPERATIONS            | BATESVILLE      | 25                         |
| <b>Total</b> |               |   |                 | <b>72,171</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**MISSISSIPPI**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 2

**19** Quantity of RCRA Hazardous Waste Received: 17,926 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                    | City    | Quantity Received<br>(Tons) |
|--------------|--------------|------------------------------|---------|-----------------------------|
| 1            | MSD077655876 | HOLCIM (US) INC/GEOCYCLE LLC | ARTESIA | 17,880                      |
| 2            | MSD000776765 | SAFETY-KLEEN SYSTEMS, INC    | JACKSON | 46                          |
| <b>Total</b> |              |                              |         | <b>17,926</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## MISSISSIPPI

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING           | 17,880                     | 99.7                      | 1                       | 50.0                        |
| STORAGE AND/OR TRANSFER | 46                         | 0.3                       | 1                       | 50.0                        |
|                         | 17,926                     | 100.0                     | 2                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING           | 17,880                     | 99.7                      | 1                       | 50.0                        |
| STORAGE AND/OR TRANSFER | 46                         | 0.3                       | 1                       | 50.0                        |
|                         | 17,926                     | 100.0                     | 2                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING           | 17,880                     | 99.7                      | 1                       | 50.0                        |
| STORAGE AND/OR TRANSFER | 46                         | 0.3                       | 1                       | 50.0                        |
|                         | 17,926                     | 100.0                     | 2                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## MISSISSIPPI

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 72,230 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 17,568 Tons

**26 Mississippi Interstate Shipment / Reciepts (As reported by Mississippi):**

The State to which Mississippi shipped the largest quantity of waste was Alabama (38,731 tons).

The State that shipped the largest quantity of waste to Mississippi was Louisiana (7,211 tons).

## MISSOURI

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 340

2 Quantity of RCRA Hazardous Waste Generated: 251,015 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City              | Total Generated<br>(Tons) |
|--------------|--------------|--|-------------------|---------------------------|
| 1            | MOD050226075 | BASF CORPORATION - HANNIBAL PLANT          | PALMYRA           | 141,654                   |
| 2            | MOD056389828 | BAYER CROPS SCIENCE LP                     | KANSAS CITY       | 26,379                    |
| 3            | MOD030712822 | EXIDE TECHNOLOGIES CANON HOLLOW PLANT      | FOREST CITY       | 12,485                    |
| 4            | MOR000524496 | AMVAC HANNIBAL PLANT                       | PALMYRA           | 10,984                    |
| 5            | MOD057894321 | 3M COMPANY                                 | NEVADA            | 6,926                     |
| 6            | MOD981127319 | LONE STAR INDUSTRIES                       | CAPE GIRARDEAU    | 4,446                     |
| 7            | MOD985798164 | EBV EXPLOSIVES ENVIRONMENTAL COMPANY       | CARTHAGE          | 3,826                     |
| 8            | MOD096726484 | MALLINCKRODT LLC                           | ST LOUIS          | 3,409                     |
| 9            | MOD000624452 | BFI MISSOURI CITY LANDFILL                 | LIBERTY           | 3,170                     |
| 10           | MOD088703764 | PRECOAT METALS                             | ST LOUIS          | 2,947                     |
| 11           | MOD093750966 | NORANDA ALUMINUM INC                       | MARSTON           | 2,299                     |
| 12           | MOD006274732 | ELANTAS PDG INC                            | ST LOUIS          | 1,601                     |
| 13           | MOD043937895 | 3M SPRINGFIELD                             | SPRINGFIELD       | 1,471                     |
| 14           | MO4213820489 | LAKE CITY ARMY AMMUNITION PLANT            | INDEPENDENCE      | 1,365                     |
| 15           | MOD007118078 | FORD MOTOR COMPANY KANSAS CITY ASSEMBLY    | CLAYCOMO          | 1,343                     |
| 16           | MOD068527704 | SPECTRUM BRANDS DBA CHEMSICO               | ST LOUIS          | 1,149                     |
| 17           | MOD981722762 | AEROFIL TECHNOLOGY INC                     | SULLIVAN          | 1,115                     |
| 18           | MOD059200089 | BUICK RESOURCE RECYCLING FACILITY LLC      | BOSS              | 1,101                     |
| 19           | MOD086787371 | CCP COMPOSITES US                          | NORTH KANSAS CITY | 1,076                     |
| 20           | MOD985791995 | TEVA PHARMACEUTICALS USA                   | MEXICO            | 1,044                     |
| 21           | MOR000539817 | ARKEMA INC                                 | NORTH KANSAS CITY | 948                       |
| 22           | MOD981505555 | HERITAGE ENVIRONMENTAL SERVICES LLC        | KANSAS CITY       | 946                       |
| 23           | MOD006308407 | HUBBELL POWER SYSTEMS - ALLEN STREET COMPL | CENTRALIA         | 943                       |
| 24           | MOR000000422 | ARNETTE POLYMERS LLC                       | RICHMOND          | 884                       |
| 25           | MOD007121841 | TNEMEC COMPANY INC                         | NORTH KANSAS CITY | 769                       |
| 26           | MOD054018288 | GREEN AMERICA RECYCLING LLC                | HANNIBAL          | 747                       |
| 27           | MO0000860908 | SIEGEL-ROBERT AUTOMOTIVE DBA SRG GLOBAL    | FARMINGTON        | 743                       |
| 28           | MOD985793058 | NORDENIA USA INC                           | JACKSON           | 674                       |
| 29           | MOD000818906 | BOEING COMPANY - TRACT II                  | BERKELEY          | 664                       |
| 30           | MOD985801380 | LAIRD TECHNOLOGIES                         | EARTH CITY        | 453                       |
| 31           | MOD981715824 | EFCO CORPORATION                           | MONETT            | 443                       |
| 32           | MOR000535146 | UNIVERSAL GALVANIZING INC                  | WRIGHT CITY       | 423                       |
| 33           | MOD006265722 | MALLINCKRODT LLC                           | HAZELWOOD         | 379                       |
| 34           | MOD985769520 | PLAZE INC                                  | ST CLAIR          | 368                       |
| 35           | MOR000043547 | GKN AEROSPACE SERVICES - ST LOUIS          | HAZELWOOD         | 365                       |
| 36           | MOD980973564 | SAFETY KLEEN SYSTEMS INC                   | INDEPENDENCE      | 346                       |
| 37           | MOD000690198 | REICHOLD INC                               | VALLEY PARK       | 315                       |
| 38           | MOD046740148 | EAGLEPICHER TECHNOLOGIES LLC               | JOPLIN            | 314                       |
| 39           | MOD042865816 | OMNIUM                                     | ST JOSEPH         | 300                       |
| 40           | MOD006266373 | DOE RUN COMPANY - HERCULANEUM SMELTING DIV | HERCULANEUM       | 289                       |
| 41           | MOD007179823 | HYDRO ALUMINUM NORTH AMERICA               | MONETT            | 289                       |
| 42           | MOD981713894 | TG MISSOURI                                | PERRYVILLE        | 259                       |
| 43           | MOD000669051 | SAFETY KLEEN SYSTEMS INC                   | CAPE GIRARDEAU    | 253                       |
| 44           | MOD043504372 | STERIS CORP ST LOUIS                       | PAGEDALE          | 253                       |
| 45           | MOD985809243 | PLAZE INC                                  | PACIFIC           | 246                       |
| 46           | MOD980962773 | SIGMA-ALDRICH MFG LLC                      | ST LOUIS          | 245                       |
| 47           | MOD006287619 | PRINTPACK INC                              | HAZELWOOD         | 229                       |
| 48           | MOD985771195 | AGRAFORM                                   | ST LOUIS          | 222                       |
| 49           | MOD980686992 | ENERSYS ENERGY PRODUCTS INC                | WARRENSBURG       | 211                       |
| 50           | MOD985806702 | VI JON INC                                 | ST LOUIS          | 201                       |
| <b>Total</b> |              |  |                   | <b>243,513</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## MISSOURI

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 3,802                   | ONLY AN F CODE                | 4,700                   |  |                         |
| ONLY CORROSIVE                        | 1,188                   | ONLY A K CODE                 | 2,787                   |  |                         |
| ONLY REACTIVE                         | 61                      | ONLY A P CODE                 | 18                      |  |                         |
| ONLY D004-17                          | 17,165                  | ONLY A U CODE                 | 1,457                   |  |                         |
| ONLY D018-43                          | 305                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 15,658                  | HAS MORE THAN ONE LISTED CODE | 947                     |  |                         |
| <b>TOTAL</b>                          | <b>38,180</b>           | <b>TOTAL</b>                  | <b>9,909</b>            | <b>Both Characteristic and Listed</b>          | <b>202,913</b>          |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 7,526                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 194,536                 |
| HAS CORROSIVE CODE  | 11,134                  |   |                         | CORR. W/ AT LEAST 1 LSTD             | 171,704                 |
| HAS REACTIVE CODE   | 939                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 161,070                 |
| HAS D004-D017 CODE  | 10,642                  |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 21,182                  |
| HAS D018-D043 CODE  | 3,560                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 156,167                 |
|   |                         | HAS AN F CODE                           | 945                     | F WASTE W/ AT LEAST 1 CHAR           | 201,247                 |
|   |                         | HAS A K CODE                            | 273                     | K WASTE W/ AT LEAST 1 CHAR           | 12,698                  |
|   |                         | HAS A P CODE                            | 932                     | P WASTE W/ AT LEAST 1 CHAR           | 14,287                  |
|   |                         | HAS A U CODE                            | 946                     | U WASTE W/ AT LEAST 1 CHAR           | 147,027                 |
| <b>TOTAL</b>  | <b>15,658</b>           | <b>TOTAL</b>                            | <b>947</b>              | <b>TOTAL</b>                         | <b>202,913</b>          |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, D007, F005, D008, D035, D009, D011, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING     | 179,773        |
| 2            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING             | 13,876         |
| 3            | 5622  | WASTE TREATMENT AND DISPOSAL   | 8,869          |
| 4            | 3261  | PLASTICS PRODUCT MANUFACTURING   | 7,876          |
| 5            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                                | 5,243          |
| 6            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 5,087          |
| 7            | 3273  | CEMENT AND CONCRETE PRODUCT MANUFACTURING                                | 4,455          |
| 8            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 4,046          |
| 9            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                               | 3,570          |
| 10           | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                     | 3,389          |
| <b>Total</b> |       |  | <b>236,183</b> |

## MISSOURI

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 31

9 Quantity of RCRA Hazardous Waste Managed: 328,518 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City              | Tons of Waste Managed |
|--------------|--------------|---|-------------------|-----------------------|
| 1            | MOD050226075 | BASF CORPORATION - HANNIBAL PLANT           | PALMYRA           | 152,314               |
| 2            | MOD981127319 | LONE STAR INDUSTRIES                        | CAPE GIRARDEAU    | 65,044                |
| 3            | MOD054018288 | GREEN AMERICA RECYCLING LLC                 | HANNIBAL          | 64,642                |
| 4            | MOD056389828 | BAYER CROPS SCIENCE LP                      | KANSAS CITY       | 19,816                |
| 5            | MOD030712822 | EXIDE TECHNOLOGIES CANON HOLLOW PLANT       | FOREST CITY       | 7,623                 |
| 6            | MOD981505555 | HERITAGE ENVIRONMENTAL SERVICES LLC         | KANSAS CITY       | 4,765                 |
| 7            | MOD057894321 | 3M COMPANY                                  | NEVADA            | 4,619                 |
| 8            | MOD029719200 | DYNO NOBEL INC                              | CARTHAGE          | 3,181                 |
| 9            | MOD985798164 | EBV EXPLOSIVES ENVIRONMENTAL COMPANY        | CARTHAGE          | 1,715                 |
| 10           | MOD059200089 | BUICK RESOURCE RECYCLING FACILITY LLC       | BOSS              | 1,136                 |
| 11           | MOD000610766 | SOLVENT RECOVERY LLC                        | KANSAS CITY       | 1,135                 |
| 12           | MO4213820489 | LAKE CITY ARMY AMMUNITION PLANT             | INDEPENDENCE      | 679                   |
| 13           | MOD985801380 | LAIRD TECHNOLOGIES                          | EARTH CITY        | 452                   |
| 14           | MOD007121841 | TNEMEC COMPANY INC                          | NORTH KANSAS CITY | 443                   |
| 15           | MOD006274732 | ELANTAS PDG INC                             | ST LOUIS          | 351                   |
| 16           | MOD006308407 | HUBBELL POWER SYSTEMS - ALLEN STREET COM    | CENTRALIA         | 276                   |
| 17           | MOD095479978 | US PAINT CORPORATION                        | ST LOUIS          | 88                    |
| 18           | MOD981709272 | TESTAMERICA LABORATORIES                    | EARTH CITY        | 48                    |
| 19           | MOR000504456 | WM LAMPTRACKER INC                          | KAISER            | 46                    |
| 20           | MOR000539973 | USACE-MEMPHIS DISTRICT BIRDS POINT INFLOW ( | WYATT             | 28                    |
| 21           | MOR000505958 | TRI-RINSE INC                               | ST LOUIS          | 28                    |
| 22           | MOD007179823 | HYDRO ALUMINUM NORTH AMERICA                | MONETT            | 27                    |
| 23           | MOD981712425 | LHB INDUSTRIES                              | BERKELEY          | 25                    |
| 24           | MOR000539965 | USACE-MEMPHIS DISTRICT BIRDS POINT INFLOW(  | NEW MADRID        | 12                    |
| 25           | MOD981117377 | FUJIFILM NORTH AMERICA CORPORATION          | NORTH KANSAS CITY | 9                     |
| 26           | MOD981725336 | TRACKER MARINE - CLINTON                    | CLINTON           | 8                     |
| 27           | MOR000020016 | W W WOOD PRODUCTS INC                       | DUDLEY            | 3                     |
| 28           | MO0000032581 | ADVANCED INDUSTRIES INC                     | ODESSA            | 2                     |
| 29           | MOD006269195 | MARQUETTE TOOL & DIE CO                     | ST LOUIS          | 2                     |
| 30           | MOR000023960 | ST JOSEPH MEDICAL CENTER                    | KANSAS CITY       | 0                     |
| 31           | MOD985813427 | ST MARYS MEDICAL CENTER                     | BLUE SPRINGS      | 0                     |
| <b>Total</b> |              |   |                   | <b>328,518</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## MISSOURI

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 472                        | 0.1                       | 3                       | 9.7                         |
| AQUEOUS ORGANIC TREATMENT    | 3,131                      | 1.0                       | 1                       | 3.2                         |
| ENERGY RECOVERY              | 129,686                    | 39.5                      | 2                       | 6.5                         |
| FUEL BLENDING                | 2,721                      | 0.8                       | 2                       | 6.5                         |
| INCINERATION                 | 174,492                    | 53.1                      | 7                       | 22.6                        |
| LANDFILL/SURFACE IMPOUNDMENT | 7,623                      | 2.3                       | 1                       | 3.2                         |
| METALS RECOVERY              | 1,136                      | 0.3                       | 1                       | 3.2                         |
| OTHER RECOVERY               | 3,765                      | 1.1                       | 4                       | 12.9                        |
| OTHER TREATMENT              | 169                        | 0.1                       | 6                       | 19.4                        |
| SOLVENTS RECOVERY            | 5,295                      | 1.6                       | 10                      | 32.3                        |
| STABILIZATION                | 28                         | 0.0                       | 2                       | 6.5                         |
|                              | 328,518                    | 100.0                     | 31                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION                 | 174,492                    | 53.1                      | 7                       | 22.6                        |
| ENERGY RECOVERY              | 129,686                    | 39.5                      | 2                       | 6.5                         |
| LANDFILL/SURFACE IMPOUNDMENT | 7,623                      | 2.3                       | 1                       | 3.2                         |
| SOLVENTS RECOVERY            | 5,295                      | 1.6                       | 10                      | 32.3                        |
| OTHER RECOVERY               | 3,765                      | 1.1                       | 4                       | 12.9                        |
| AQUEOUS ORGANIC TREATMENT    | 3,131                      | 1.0                       | 1                       | 3.2                         |
| FUEL BLENDING                | 2,721                      | 0.8                       | 2                       | 6.5                         |
| METALS RECOVERY              | 1,136                      | 0.3                       | 1                       | 3.2                         |
| AQUEOUS INORGANIC TREATMENT  | 472                        | 0.1                       | 3                       | 9.7                         |
| OTHER TREATMENT              | 169                        | 0.1                       | 6                       | 19.4                        |
| STABILIZATION                | 28                         | 0.0                       | 2                       | 6.5                         |
|                              | 328,518                    | 100.0                     | 31                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY            | 5,295                      | 1.6                       | 10                      | 32.3                        |
| INCINERATION                 | 174,492                    | 53.1                      | 7                       | 22.6                        |
| OTHER TREATMENT              | 169                        | 0.1                       | 6                       | 19.4                        |
| OTHER RECOVERY               | 3,765                      | 1.1                       | 4                       | 12.9                        |
| AQUEOUS INORGANIC TREATMENT  | 472                        | 0.1                       | 3                       | 9.7                         |
| FUEL BLENDING                | 2,721                      | 0.8                       | 2                       | 6.5                         |
| ENERGY RECOVERY              | 129,686                    | 39.5                      | 2                       | 6.5                         |
| STABILIZATION                | 28                         | 0.0                       | 2                       | 6.5                         |
| METALS RECOVERY              | 1,136                      | 0.3                       | 1                       | 3.2                         |
| LANDFILL/SURFACE IMPOUNDMENT | 7,623                      | 2.3                       | 1                       | 3.2                         |
| AQUEOUS ORGANIC TREATMENT    | 3,131                      | 1.0                       | 1                       | 3.2                         |
|                              | 328,518                    | 100.0                     | 31                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D035, D018, U002, D007, U154, U159, F003, F005, D008

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## MISSOURI

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 335

16 Quantity of RCRA Hazardous Waste Shipped: 80,894

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID        | Site Name                                | City              | Quantity Shipped<br>(Tons) |
|-------|---------------|--|-------------------|----------------------------|
| 1     | MOR000524496  | AMVAC HANNIBAL PLANT                     | PALMYRA           | 10,984                     |
| 2     | MOD056389828  | BAYER CROPS SCIENCE LP                   | KANSAS CITY       | 6,565                      |
| 3     | MOD981505555  | HERITAGE ENVIRONMENTAL SERVICES LLC      | KANSAS CITY       | 6,543                      |
| 4     | MOD030712822  | EXIDE TECHNOLOGIES CANON HOLLOW PLANT    | FOREST CITY       | 4,862                      |
| 5     | MOD985798164  | EBV EXPLOSIVES ENVIRONMENTAL COMPANY     | CARTHAGE          | 3,826                      |
| 6     | MOD096726484  | MALLINCKRODT LLC                         | ST LOUIS          | 3,390                      |
| 7     | MOD000624452  | BFI MISSOURI CITY LANDFILL               | LIBERTY           | 3,170                      |
| 8     | MOD088703764  | PRECOAT METALS                           | ST LOUIS          | 2,947                      |
| 9     | MOD000610766  | SOLVENT RECOVERY LLC                     | KANSAS CITY       | 2,405                      |
| 10    | MOD057894321  | 3M COMPANY                               | NEVADA            | 2,307                      |
| 11    | MOD093750966  | NORANDA ALUMINUM INC                     | MARSTON           | 2,299                      |
| 12    | MOD043937895  | 3M SPRINGFIELD                           | SPRINGFIELD       | 1,471                      |
| 13    | MOD007118078  | FORD MOTOR COMPANY KANSAS CITY ASSEMBLY  | CLAYCOMO          | 1,343                      |
| 14    | MOD981127319  | LONE STAR INDUSTRIES                     | CAPE GIRARDEAU    | 1,308                      |
| 15    | MOD006274732  | ELANTAS PDG INC                          | ST LOUIS          | 1,250                      |
| 16    | MOD068527704  | SPECTRUM BRANDS DBA CHEMSICO             | ST LOUIS          | 1,149                      |
| 17    | MOD981722762  | AEROFIL TECHNOLOGY INC                   | SULLIVAN          | 1,115                      |
| 18    | MOD086787371  | CCP COMPOSITES US                        | NORTH KANSAS CITY | 1,076                      |
| 19    | MOD985791995  | TEVA PHARMACEUTICALS USA                 | MEXICO            | 1,044                      |
| 20    | MOD059200089  | BUICK RESOURCE RECYCLING FACILITY LLC    | BOSS              | 1,035                      |
| 21    | MOR000539817  | ARKEMA INC                               | NORTH KANSAS CITY | 948                        |
| 22    | MOD006308407  | HUBBELL POWER SYSTEMS - ALLEN STREET COM | CENTRALIA         | 943                        |
| 23    | MOD0000860908 | SIEGEL-ROBERT AUTOMOTIVE DBA SRG GLOBAL  | FARMINGTON        | 743                        |
| 24    | MOR000000422  | ARNETTE POLYMERS LLC                     | RICHMOND          | 709                        |
| 25    | MOD4213820489 | LAKE CITY ARMY AMMUNITION PLANT          | INDEPENDENCE      | 699                        |
| 26    | MOD985793058  | NORDENIA USA INC                         | JACKSON           | 674                        |
| 27    | MOD000818906  | BOEING COMPANY - TRACT II                | BERKELEY          | 664                        |
| 28    | MOD054018288  | GREEN AMERICA RECYCLING LLC              | HANNIBAL          | 565                        |
| 29    | MOD981715824  | EFCO CORPORATION                         | MONETT            | 443                        |
| 30    | MOD075888487  | BOEING COMPANY - TRACT V                 | ST CHARLES        | 436                        |
| 31    | MOR000535146  | UNIVERSAL GALVANIZING INC                | WRIGHT CITY       | 423                        |
| 32    | MOD980973564  | SAFETY KLEEN SYSTEMS INC                 | INDEPENDENCE      | 390                        |
| 33    | MOD006265722  | MALLINCKRODT LLC                         | HAZELWOOD         | 379                        |
| 34    | MOD985769520  | PLAZE INC                                | ST CLAIR          | 368                        |
| 35    | MOR000043547  | GKN AEROSPACE SERVICES - ST LOUIS        | HAZELWOOD         | 342                        |
| 36    | MOD007121841  | TNEMEC COMPANY INC                       | NORTH KANSAS CITY | 327                        |
| 37    | MOD046740148  | EAGLEPicher TECHNOLOGIES LLC             | JOPLIN            | 323                        |
| 38    | MOD000690198  | REICHHOLD INC                            | VALLEY PARK       | 315                        |
| 39    | MOD050226075  | BASF CORPORATION - HANNIBAL PLANT        | PALMYRA           | 313                        |
| 40    | MOD042865816  | OMNIUM                                   | ST JOSEPH         | 300                        |
| 41    | MOD095486312  | SAFETY KLEEN SYSTEMS INC                 | ST CHARLES        | 294                        |
| 42    | MOD000669051  | SAFETY KLEEN SYSTEMS INC                 | CAPE GIRARDEAU    | 290                        |
| 43    | MOD006266373  | DOE RUN COMPANY - HERCULANEUM SMELTING D | HERCULANEUM       | 289                        |
| 44    | MOD981713894  | TG MISSOURI                              | PERRYVILLE        | 259                        |
| 45    | MOD007179823  | HYDRO ALUMINUM NORTH AMERICA             | MONETT            | 254                        |
| 46    | MOD043504372  | STERIS CORP ST LOUIS                     | PAGEDALE          | 253                        |
| 47    | MOD981123391  | WASTE EXPRESS                            | KANSAS CITY       | 247                        |
| 48    | MOD985809243  | PLAZE INC                                | PACIFIC           | 247                        |
| 49    | MOD980962773  | SIGMA-ALDRICH MFG LLC                    | ST LOUIS          | 245                        |
| 50    | MOD052612850  | SRG GLOBAL PORTAGEVILLE                  | PORTAGEVILLE      | 234                        |
| Total |               |  |                   | 73,005                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## MISSOURI

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 18

19 Quantity of RCRA Hazardous Waste Received: 152,381 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                     | City           | Quantity Received<br>(Tons) |
|--------------|--------------|---|----------------|-----------------------------|
| 1            | MOD054018288 | GREEN AMERICA RECYCLING LLC                   | HANNIBAL       | 64,460                      |
| 2            | MOD981127319 | LONE STAR INDUSTRIES                          | CAPE GIRARDEAU | 61,906                      |
| 3            | MOD050226075 | BASF CORPORATION - HANNIBAL PLANT             | PALMYRA        | 10,977                      |
| 4            | MOD981505555 | HERITAGE ENVIRONMENTAL SERVICES LLC           | KANSAS CITY    | 5,995                       |
| 5            | MOD029719200 | DYNO NOBEL INC                                | CARTHAGE       | 3,181                       |
| 6            | MOD000610766 | SOLVENT RECOVERY LLC                          | KANSAS CITY    | 2,466                       |
| 7            | MOD985798164 | EBV EXPLOSIVES ENVIRONMENTAL COMPANY          | CARTHAGE       | 1,715                       |
| 8            | MOD059200089 | BUICK RESOURCE RECYCLING FACILITY LLC         | BOSS           | 1,069                       |
| 9            | MOD981123391 | WASTE EXPRESS                                 | KANSAS CITY    | 186                         |
| 10           | MOD095486312 | SAFETY KLEEN SYSTEMS INC                      | ST CHARLES     | 167                         |
| 11           | MOD980971626 | SAFETY KLEEN SYSTEMS INC                      | COLUMBIA       | 61                          |
| 12           | MOD000669051 | SAFETY KLEEN SYSTEMS INC                      | CAPE GIRARDEAU | 47                          |
| 13           | MOR000504456 | WM LAMPTRACKER INC                            | KAISER         | 47                          |
| 14           | MOD000669069 | SAFETY KLEEN SYSTEMS INC                      | SPRINGFIELD    | 34                          |
| 15           | MOR000505958 | TRI-RINSE INC                                 | ST LOUIS       | 28                          |
| 16           | MOD980973564 | SAFETY KLEEN SYSTEMS INC                      | INDEPENDENCE   | 28                          |
| 17           | MOR000539973 | USACE-MEMPHIS DISTRICT BIRDS POINT INFLOW CRE | WYATT          | 12                          |
| 18           | MOD056389828 | BAYER CROPSCIENCE LP                          | KANSAS CITY    | 0                           |
| <b>Total</b> |              |   |                | <b>152,381</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## MISSOURI

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 1                          | 0.0                       | 1                       | 5.6                         |
| AQUEOUS ORGANIC TREATMENT   | 3,131                      | 2.1                       | 1                       | 5.6                         |
| ENERGY RECOVERY             | 126,366                    | 82.9                      | 2                       | 11.1                        |
| FUEL BLENDING               | 2,721                      | 1.8                       | 2                       | 11.1                        |
| INCINERATION                | 12,693                     | 8.3                       | 2                       | 11.1                        |
| METALS RECOVERY             | 1,069                      | 0.7                       | 1                       | 5.6                         |
| OTHER RECOVERY              | 3,209                      | 2.1                       | 2                       | 11.1                        |
| OTHER TREATMENT             | 106                        | 0.1                       | 3                       | 16.7                        |
| STORAGE AND/OR TRANSFER     | 3,085                      | 2.0                       | 10                      | 55.6                        |
|                             | 152,381                    | 100.0                     | 18                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY             | 126,366                    | 82.9                      | 2                       | 11.1                        |
| INCINERATION                | 12,693                     | 8.3                       | 2                       | 11.1                        |
| OTHER RECOVERY              | 3,209                      | 2.1                       | 2                       | 11.1                        |
| AQUEOUS ORGANIC TREATMENT   | 3,131                      | 2.1                       | 1                       | 5.6                         |
| STORAGE AND/OR TRANSFER     | 3,085                      | 2.0                       | 10                      | 55.6                        |
| FUEL BLENDING               | 2,721                      | 1.8                       | 2                       | 11.1                        |
| METALS RECOVERY             | 1,069                      | 0.7                       | 1                       | 5.6                         |
| OTHER TREATMENT             | 106                        | 0.1                       | 3                       | 16.7                        |
| AQUEOUS INORGANIC TREATMENT | 1                          | 0.0                       | 1                       | 5.6                         |
|                             | 152,381                    | 100.0                     | 18                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER     | 3,085                      | 2.0                       | 10                      | 55.6                        |
| OTHER TREATMENT             | 106                        | 0.1                       | 3                       | 16.7                        |
| OTHER RECOVERY              | 3,209                      | 2.1                       | 2                       | 11.1                        |
| INCINERATION                | 12,693                     | 8.3                       | 2                       | 11.1                        |
| ENERGY RECOVERY             | 126,366                    | 82.9                      | 2                       | 11.1                        |
| FUEL BLENDING               | 2,721                      | 1.8                       | 2                       | 11.1                        |
| AQUEOUS ORGANIC TREATMENT   | 3,131                      | 2.1                       | 1                       | 5.6                         |
| AQUEOUS INORGANIC TREATMENT | 1                          | 0.0                       | 1                       | 5.6                         |
| METALS RECOVERY             | 1,069                      | 0.7                       | 1                       | 5.6                         |
|                             | 152,381                    | 100.0                     | 18                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## MISSOURI

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 59,000 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 129,663 Tons

**26 Missouri Interstate Shipment / Receipts (As reported by Missouri):**

The State to which Missouri shipped the largest quantity of waste was Indiana (12,805 tons).

The State that shipped the largest quantity of waste to Missouri was Arkansas (25,679 tons).

## MONTANA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 41

2 Quantity of RCRA Hazardous Waste Generated: 5,883 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank  | EPA ID       | Site Name                                    | City                   | Total Generated<br>(Tons) |
|-------|--------------|--|------------------------|---------------------------|
| 1     | MTD006238083 | CHS INC LAUREL REFINERY                      | LAUREL                 | 1,477                     |
| 2     | MTD010380574 | EXXONMOBIL REFINING AND SUPPLY BILLINGS REFI | BILLINGS               | 1,276                     |
| 3     | MTD000475194 | MONTANA REFINING COMPANY INC                 | GREAT FALLS            | 830                       |
| 4     | MTD006229405 | CONOCOPHILLIPS COMPANY BILLINGS REFINERY     | BILLINGS               | 534                       |
| 5     | MTR000204412 | FERGUS COUNTY ROAD AND BRIDGE DEPT           | LEWISTOWN              | 428                       |
| 6     | MTD982648099 | APPLIED MATERIALS                            | KALISPELL              | 259                       |
| 7     | MTD079711198 | LOVELAND PRODUCTS INC                        | BILLINGS               | 251                       |
| 8     | MTD035237940 | GLAXOSMITHKLINE BIOLOGICALS N AMERICA        | HAMILTON               | 204                       |
| 9     | MTD006229074 | HUTTIG BUILDING PRODUCTS INC                 | MISSOULA               | 150                       |
| 10    | MTR000004754 | REC ADVANCED SILICON MATERIALS LLC           | BUTTE                  | 140                       |
| 11    | MTR000004168 | COLUMBUS PROCESSING FACILITY                 | COLUMBUS               | 96                        |
| 12    | MT0000048611 | LIBBY GROUNDWATER SITE                       | LIBBY                  | 36                        |
| 13    | MT6360090066 | VA MT HLTH SYSTEM FORT HARRISON              | FORT HARRISON          | 25                        |
| 14    | MTD006230346 | MONTANA ENVIRONMENTAL CUSTODIAL TRUST        | EAST HELENA            | 20                        |
| 15    | MTD000710210 | GOLDEN SUNLIGHT MINES INC                    | WHITEHALL              | 17                        |
| 16    | MTD006237234 | CONSOLIDATED KRY SITE                        | KALISPELL              | 17                        |
| 17    | MT0000992982 | QUALA SERVICES LLC                           | MILES CITY             | 16                        |
| 18    | MTR000206987 | SANJEL MILES CITY DISTRICT 43                | MILES CITY             | 13                        |
| 19    | MTD065569048 | MSU BOZEMAN MONTANA STATE UNIVERSITY         | BOZEMAN                | 11                        |
| 20    | MTD006233456 | MONTANA SULPHUR & CHEMICAL COMPANY           | BILLINGS               | 11                        |
| 21    | MTD986069763 | MONTANA AVIATION RESEARCH COMPANY            | SAINT MARIE            | 8                         |
| 22    | MTR000002048 | EVERLAST CLIMBING INDUSTRIES INC DBA SPECTRI | MISSOULA               | 8                         |
| 23    | MTR000204644 | AVMAX MONTANA INC                            | GREAT FALLS            | 7                         |
| 24    | MTD000716787 | BN PARADISE TIE PLANT                        | PARADISE               | 5                         |
| 25    | MTD053038386 | BNSF SOMERS                                  | SOMERS                 | 5                         |
| 26    | MTR000207001 | LEXINGTON MINE SITE                          | BUTTE                  | 5                         |
| 27    | MT8571924556 | MALMSTROM AIR FORCE BASE                     | MALMSTROM AIR FORCE BA | 4                         |
| 28    | MTR000005983 | ANACONDA FOUNDRY FABRICATION CO INC DBA AF   | BUTTE                  | 4                         |
| 29    | MTR000206821 | SPRINGHILL RANCH                             | DUPUYER                | 3                         |
| 30    | MTD980330609 | PPL MONTANA LLC COLSTRIP 3 & 4               | COLSTRIP               | 3                         |
| 31    | MTR000204859 | BRENNTAG PACIFIC INC                         | BILLINGS               | 3                         |
| 32    | MTD000710236 | PPL MONTANA LLC COLSTRIP 1 & 2               | COLSTRIP               | 3                         |
| 33    | MTD986071728 | NOXON HYDROELECTRIC POWER STATION            | NOXON                  | 3                         |
| 34    | MTR000201400 | ANACONDA FOUNDRY FABRICATION CO INC DBA AF   | ANACONDA               | 3                         |
| 35    | MTD010379709 | U OF M MISSOULA                              | MISSOULA               | 2                         |
| 36    | MTE000206862 | SEVILLE COLONY PESTICIDE SITE                | CUT BANK               | 2                         |
| 37    | MTD063731442 | MOONEY PAINTING INC                          | BILLINGS               | 1                         |
| 38    | MTD000716795 | S & W SAWMILL FACILITY                       | DARBY                  | 1                         |
| 39    | MTR000204065 | TARGET STORE #T1333                          | BILLINGS               | 1                         |
| 40    | MTR000204040 | TARGET STORE #T1282                          | HELENA                 | 0                         |
| 41    | MTR000206755 | ROUNDUP HIGH SCHOOL                          | ROUNDUP                | 0                         |
| Total |              |  |                        | 5,883                     |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## MONTANA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 14                      | ONLY AN F CODE                | 1,253                   |  |                         |
| ONLY CORROSIVE                        | 945                     | ONLY A K CODE                 | 2,078                   |  |                         |
| ONLY REACTIVE                         | 0                       | ONLY A P CODE                 | 2                       |  |                         |
| ONLY D004-17                          | 499                     | ONLY A U CODE                 | 1                       |  |                         |
| ONLY D018-43                          | 17                      |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 47                      | HAS MORE THAN ONE LISTED CODE | 734                     |  |                         |
| <b>TOTAL</b>                          | <b>1,522</b>            | <b>TOTAL</b>                  | <b>4,069</b>            | <b>Both Characteristic and Listed</b>          | <b>293</b>              |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 8                       |   |                         | IGN. W/ AT LEAST 1 LSTD              | 222                     |
| HAS CORROSIVE CODE  | 39                      |   |                         | CORR. W/ AT LEAST 1 LSTD             | 3                       |
| HAS REACTIVE CODE   | 2                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 1                       |
| HAS D004-D017 CODE  | 17                      |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 79                      |
| HAS D018-D043 CODE  | 32                      |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 214                     |
|   |                         | HAS AN F CODE                           | 734                     | F WASTE W/ AT LEAST 1 CHAR           | 264                     |
|   |                         | HAS A K CODE                            | 734                     | K WASTE W/ AT LEAST 1 CHAR           | 20                      |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 1                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 30                      |
| <b>TOTAL</b>  | <b>47</b>               | <b>TOTAL</b>                            | <b>734</b>              | <b>TOTAL</b>                         | <b>293</b>              |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, D008, F003, F005, D009, D018, D035, D006

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                            | 4,117          |
| 2            | 2373  | HIGHWAY, STREET, AND BRIDGE CONSTRUCTION                             | 428            |
| 3            | 3332  | INDUSTRIAL MACHINERY MANUFACTURING                                   | 259            |
| 4            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING | 251            |
| 5            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                            | 204            |
| 6            | 3251  | BASIC CHEMICAL MANUFACTURING   | 151            |
| 7            | 4213  | LUMBER AND OTHER CONSTRUCTION MATERIALS WHOLESALERS                  | 150            |
| 8            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING         | 116            |
| 9            | 5629  | REMEDIATION AND OTHER WASTE MANAGEMENT SERVICES                      | 64             |
| 10           | 6221  | GENERAL MEDICAL AND SURGICAL HOSPITALS                               | 25             |
| <b>Total</b> |       |  | <b>5,766</b>   |

## MONTANA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 2

9 Quantity of RCRA Hazardous Waste Managed: 1,110 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                             | City        | Tons of Waste Managed |
|-------|--------------|---------------------------------------|-------------|-----------------------|
| 1     | MTD010380574 | EXXONMOBIL REFINING AND SUPPLY        | BILLINGS RE | 1,091                 |
| 2     | MTD006230346 | MONTANA ENVIRONMENTAL CUSTODIAL TRUST | EAST HELENA | 18                    |
| Total |              |                                       |             | 1,110                 |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.  
Facilities reporting storage only and their quantity managed are excluded.

## MONTANA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LAND TREATMENT/APPLICATION/FARMING | 1,091                      | 98.4                      | 1                       | 50.0                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 18                         | 1.6                       | 1                       | 50.0                        |
|                                    | 1,110                      | 100.0                     | 2                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LAND TREATMENT/APPLICATION/FARMING | 1,091                      | 98.4                      | 1                       | 50.0                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 18                         | 1.6                       | 1                       | 50.0                        |
|                                    | 1,110                      | 100.0                     | 2                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LAND TREATMENT/APPLICATION/FARMING | 1,091                      | 98.4                      | 1                       | 50.0                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 18                         | 1.6                       | 1                       | 50.0                        |
|                                    | 1,110                      | 100.0                     | 2                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Wastes Managed\*: D006, D008, D018, F037, K049, K051

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## MONTANA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 40

16 Quantity of RCRA Hazardous Waste Shipped: 5,956

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                   | City                   | Quantity Shipped<br>(Tons) |
|-------|--------------|---|------------------------|----------------------------|
| 1     | MTR000204412 | FERGUS COUNTY ROAD AND BRIDGE DEPT          | LEWISTOWN              | 1,617                      |
| 2     | MTD006238083 | CHS INC LAUREL REFINERY                     | LAUREL                 | 1,496                      |
| 3     | MTD000475194 | MONTANA REFINING COMPANY INC                | GREAT FALLS            | 828                        |
| 4     | MTD006229405 | CONOCOPHILLIPS COMPANY BILLINGS REFINERY    | BILLINGS               | 534                        |
| 5     | MTD982648099 | APPLIED MATERIALS                           | KALISPELL              | 256                        |
| 6     | MTD079711198 | LOVELAND PRODUCTS INC                       | BILLINGS               | 248                        |
| 7     | MTD035237940 | GLAXOSMITHKLINE BIOLOGICALS N AMERICA       | HAMILTON               | 200                        |
| 8     | MTD010380574 | EXXONMOBIL REFINING AND SUPPLY BILLINGS RE  | BILLINGS               | 171                        |
| 9     | MTD006229074 | HUTTIG BUILDING PRODUCTS INC                | MISSOULA               | 150                        |
| 10    | MTR000004754 | REC ADVANCED SILICON MATERIALS LLC          | BUTTE                  | 140                        |
| 11    | MTR000004168 | COLUMBUS PROCESSING FACILITY                | COLUMBUS               | 100                        |
| 12    | MT0000048611 | LIBBY GROUNDWATER SITE                      | LIBBY                  | 36                         |
| 13    | MT6360090066 | VA MT HLTH SYSTEM FORT HARRISON             | FORT HARRISON          | 25                         |
| 14    | MTD000710210 | GOLDEN SUNLIGHT MINES INC                   | WHITEHALL              | 18                         |
| 15    | MT0000992982 | QUALA SERVICES LLC                          | MILES CITY             | 16                         |
| 16    | MTD000716787 | BN PARADISE TIE PLANT                       | PARADISE               | 16                         |
| 17    | MTR000206987 | SANJEL MILES CITY DISTRICT 43               | MILES CITY             | 13                         |
| 18    | MTD065569048 | MSU BOZEMAN MONTANA STATE UNIVERSITY        | BOZEMAN                | 11                         |
| 19    | MTD006233456 | MONTANA SULPHUR & CHEMICAL COMPANY          | BILLINGS               | 11                         |
| 20    | MTD053038386 | BNSF SOMERS                                 | SOMERS                 | 9                          |
| 21    | MTD986069763 | MONTANA AVIATION RESEARCH COMPANY           | SAINT MARIE            | 8                          |
| 22    | MTR000002048 | EVERLAST CLIMBING INDUSTRIES INC DBA SPECTR | MISSOULA               | 8                          |
| 23    | MTR000207001 | LEXINGTON MINE SITE                         | BUTTE                  | 5                          |
| 24    | MTD980330609 | PPL MONTANA LLC COLSTRIP 3 & 4              | COLSTRIP               | 5                          |
| 25    | MTD000716795 | S & W SAWMILL FACILITY                      | DARBY                  | 4                          |
| 26    | MT8571924556 | MALMSTROM AIR FORCE BASE                    | MALMSTROM AIR FORCE BA | 4                          |
| 27    | MTR000005983 | ANACONDA FOUNDRY FABRICATION CO INC DBA A   | BUTTE                  | 4                          |
| 28    | MTR000206821 | SPRINGHILL RANCH                            | DUPUYER                | 3                          |
| 29    | MTR000204859 | BRENNTAG PACIFIC INC                        | BILLINGS               | 3                          |
| 30    | MTD000710236 | PPL MONTANA LLC COLSTRIP 1 & 2              | COLSTRIP               | 3                          |
| 31    | MTD986071728 | NOXON HYDROELECTRIC POWER STATION           | NOXON                  | 3                          |
| 32    | MTR000201400 | ANACONDA FOUNDRY FABRICATION CO INC DBA A   | ANACONDA               | 3                          |
| 33    | MTE000206862 | SEVILLE COLONY PESTICIDE SITE               | CUT BANK               | 2                          |
| 34    | MTD006230346 | MONTANA ENVIRONMENTAL CUSTODIAL TRUST       | EAST HELENA            | 2                          |
| 35    | MTD010379709 | U OF M MISSOULA                             | MISSOULA               | 2                          |
| 36    | MTR000204644 | AVMAX MONTANA INC                           | GREAT FALLS            | 2                          |
| 37    | MTD063731442 | MOONEY PAINTING INC                         | BILLINGS               | 1                          |
| 38    | MTR000204065 | TARGET STORE #T1333                         | BILLINGS               | 1                          |
| 39    | MTR000204040 | TARGET STORE #T1282                         | HELENA                 | 0                          |
| 40    | MTR000206755 | ROUNDUP HIGH SCHOOL                         | ROUNDUP                | 0                          |
| Total |              |   |                        | 5,956                      |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**MONTANA**

**2011 WASTE RECEIPTS**

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the State of Montana that reported receiving RCRA hazardous waste in 2011.

**MONTANA**

**2011 WASTE RECEIPTS, CONTINUED**

Tables 21, 22, and 23 have been omitted from this report because there were no facilities in the State of Montana that reported receiving RCRA hazardous waste in 2011.

**MONTANA**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 4,834 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 0 Tons

**26 Montana Interstate Shipment / Receipts (As reported by Montana):**

The State to which Montana shipped the largest quantity of waste was Utah (1,988 tons).

No States shipped waste to Montana.

## NAVAJO NATION

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 1

2 Quantity of RCRA Hazardous Waste Generated: 23 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank  | EPA ID       | Site Name    | City       | Total Generated<br>(Tons) |
|-------|--------------|--------------|------------|---------------------------|
| 1     | NND104150024 | NND104150024 | BLACK MESA | 23                        |
| Total |              |              |            | 23                        |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## NAVAJO NATION

## 2011 WASTE GENERATION, CONTINUED

**4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes**

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 0                       | ONLY AN F CODE                | 0                       |  |                         |
| ONLY CORROSIVE                        | 0                       | ONLY A K CODE                 | 0                       |  |                         |
| ONLY REACTIVE                         | 0                       | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 0                       | ONLY A U CODE                 | 0                       |  |                         |
| ONLY D018-43                          | 21                      |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 0                       | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>21</b>               | <b>TOTAL</b>                  | <b>0</b>                | <b>Both Characteristic and Listed</b>          | <b>2</b>                |

**5 Quantities of Waste Generated in 2011 That Were Multiply Coded**

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 0                       |   |                         | IGN. W/ AT LEAST 1 LSTD              | 0                       |
| HAS CORROSIVE CODE  | 0                       |   |                         | CORR. W/ AT LEAST 1 LSTD             | 0                       |
| HAS REACTIVE CODE   | 0                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 0                       |
| HAS D004-D017 CODE  | 0                       |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 0                       |
| HAS D018-D043 CODE  | 0                       |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 2                       |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 2                       |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 0                       |
| <b>TOTAL</b>  | <b>0</b>                | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>2</b>                |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

**6 Top Wastes Generated\*: D040, F001, D001, D008, D039, F003**

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

**7 Top Quantities of Waste Generated in 2011, by NAICS Code**

| Rank | NAICS | Description | Tons Generated |
|------|-------|-------------|----------------|
| 1    | 2121  | COAL MINING | 23             |

**NAVAJO NATION**

**2011 WASTE MANAGEMENT**

Tables 8, 9, and 10 have been omitted from this report because there were no facilities in the Navajo Nation that reported managing RCRA hazardous waste in 2011.

**NAVAJO NATION**

**2011 WASTE MANAGEMENT, CONTINUED**

Tables 11, 12, 13, and 14 have been omitted from this report because there were no facilities in the Navajo Nation that reported managing RCRA hazardous waste in 2011.

## NAVAJO NATION

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 1

16 Quantity of RCRA Hazardous Waste Shipped: 28

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name    | City       | Quantity Shipped<br>(Tons) |
|--------------|--------------|--------------|------------|----------------------------|
| 1            | NND104150024 | NND104150024 | BLACK MESA | 28                         |
| <b>Total</b> |              |              |            | <b>28</b>                  |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**NAVAJO NATION**

**2011 WASTE RECEIPTS**

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the Navajo Nation that reported receiving RCRA hazardous waste in 2011.

**NAVAJO NATION**

**2011 WASTE RECEIPTS, CONTINUED**

Tables 21, 22, and 23 have been omitted from this report because there were no facilities in the Navajo Nation that reported receiving RCRA hazardous waste in 2011.

**NAVAJO NATION**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments: 28 Tons**

**25 Quantity of RCRA Hazardous Waste Interstate Receipts: 0 Tons**

**26 Navajo Nation Interstate Shipment / Receipts (As reported by Navajo Nation):**

The State to which Navajo Nation shipped the largest quantity of waste was Colorado (25 tons).

No States shipped waste to Navajo Nation.

## NEBRASKA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 84

2 Quantity of RCRA Hazardous Waste Generated: 35,425 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City          | Total Generated<br>(Tons) |
|--------------|--------------|--|---------------|---------------------------|
| 1            | NED087069050 | NUCOR CORPORATION (NUCOR STEEL - NEBRASKA)   | NORFOLK       | 24,252                    |
| 2            | NED000610550 | AGRIUM ADVANCED TECHNOLOGIES                 | FAIRBURY      | 5,987                     |
| 3            | NED981723513 | CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.   | KIMBALL       | 1,220                     |
| 4            | NED003906716 | WILLIAM H HARVEY                             | OMAHA         | 579                       |
| 5            | NER000508820 | UNITED SUPPLIERS INC I-80 OFF RAMP EXIT 399  | LINCOLN       | 455                       |
| 6            | NED007281728 | LINCOLN INDUSTRIES INC                       | LINCOLN       | 360                       |
| 7            | NED007263486 | SYNGENTA CROP PROTECTION LLC                 | OMAHA         | 295                       |
| 8            | NED068652981 | KAWASAKI MANUFACTURING CORP USA              | LINCOLN       | 198                       |
| 9            | NED035036201 | CNH AMERICA LLC                              | GRAND ISLAND  | 162                       |
| 10           | NED980973580 | HAMILTON SUNDSTRAND CORPORATION              | YORK          | 118                       |
| 11           | NER000508903 | MAGELLAN PIPELINE COMPANY LP - NORTH 58TH RD | NEBRASKA CITY | 112                       |
| 12           | NED007274699 | PFIZER INC                                   | LINCOLN       | 104                       |
| 13           | NED986387850 | FLEXCON COMPANY INC                          | COLUMBUS      | 103                       |
| 14           | NER000508713 | TECHNIQUES SURFACES USA INC                  | KEARNEY       | 101                       |
| 15           | NED981495724 | SAFETY-KLEEN SYSTEMS, INC.                   | OMAHA         | 95                        |
| 16           | NED980971733 | DUNCAN AVIATION, INC.                        | LINCOLN       | 83                        |
| 17           | NED053316535 | SAFETY-KLEEN SYSTEMS, INC.                   | GRAND ISLAND  | 77                        |
| 18           | NED005070065 | NOVARTIS CONSUMER HEALTH, INC                | LINCOLN       | 65                        |
| 19           | NED040917569 | MAGELLAN PIPELINE COMPANY LP - OMAHA NE TER  | OMAHA         | 57                        |
| 20           | NED007285257 | MAGNUS                                       | FREMONT       | 56                        |
| 21           | NED007263619 | TENNECO AUTOMOTIVE OPERATING COMPANY INC     | COZAD         | 56                        |
| 22           | NED007273279 | HUGHES BROTHERS INC                          | SEWARD        | 55                        |
| 23           | NED007266331 | VEYANCE TECHNOLOGIES, INC                    | LINCOLN       | 50                        |
| 24           | NED007265077 | ELSTER AMERICAN METER COMPANY                | NEBRASKA CITY | 43                        |
| 25           | NED007259054 | CONNECTIVITY SOLUTIONS MANUFACTURING INC     | OMAHA         | 39                        |
| 26           | NE0000316646 | MOLEX INCORPORATED                           | LINCOLN       | 34                        |
| 27           | NED072904543 | THE OILGEAR COMPANY                          | FREMONT       | 31                        |
| 28           | NED054298476 | UPRR GRAND ISLAND RAILROAD FACILITY          | GRAND ISLAND  | 31                        |
| 29           | NED007265382 | VISHAY DALE ELECTRONICS, PLANT 6             | COLUMBUS      | 30                        |
| 30           | NER000505396 | MERCK ANIMAL HEALTH                          | OMAHA         | 30                        |
| 31           | NER000000117 | CARGILL INCORPORATED - CORN MILLING NORTH A  | BLAIR         | 30                        |
| 32           | NED007267214 | VALMONT INDUSTRIES INCORPORATED              | VALLEY        | 29                        |
| 33           | NED007258338 | CONCRETE EQUIPMENT COMPANY INC               | BLAIR         | 28                        |
| 34           | NER000506261 | LINCOLN COMPOSITES INC.                      | LINCOLN       | 26                        |
| 35           | NED000809483 | UNIVAR USA INC                               | OMAHA         | 26                        |
| 36           | NED000822817 | VISHAY DALE ELECTRONICS, PLANT 2             | COLUMBUS      | 25                        |
| 37           | NED043534635 | GENERAL DYNAMICS ATP INC LINCOLN OEPARATION  | LINCOLN       | 25                        |
| 38           | NED007263197 | BECTON DICKINSON - MEDICAL SURGICAL SYSTEMS  | COLUMBUS      | 24                        |
| 39           | NE8571924648 | US AIR FORCE OFFUTT AFB NE                   | OFFUTT AFB    | 22                        |
| 40           | NED000766808 | UNIVERSITY OF NEBRASKA                       | LINCOLN       | 22                        |
| 41           | NED007272701 | DEETER FOUNDRY INC                           | LINCOLN       | 20                        |
| 42           | NED068655968 | ADC TELECOMMUNICATIONS INC                   | SIDNEY        | 20                        |
| 43           | NED000766816 | UNIVERSITY OF NEBRASKA - LINCOLN             | LINCOLN       | 20                        |
| 44           | NED047047543 | BECTON DICKINSON AND COMPANY HOLDREGE        | HOLDREGE      | 19                        |
| 45           | NER000509067 | SUNNY'S LLC                                  | NEWPORT       | 19                        |
| 46           | NED986375533 | MERCK ANIMAL HEALTH                          | ELKHORN       | 17                        |
| 47           | NED099564684 | EGS ELECTRICAL GROUP                         | COLUMBUS      | 16                        |
| 48           | NED065133167 | EATON CORPORATION - KEARNEY NEBRASKA         | KEARNEY       | 15                        |
| 49           | NER000508911 | JPA WEST HAYMARKET PROJECT                   | LINCOLN       | 12                        |
| 50           | NED089569024 | BOSCH SECURITY SYSTEMS INC                   | LINCOLN       | 11                        |
| <b>Total</b> |              |  |               | <b>35,307</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## NEBRASKA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 169                     | ONLY AN F CODE                | 405                     |  |                         |
| ONLY CORROSIVE                        | 86                      | ONLY A K CODE                 | 24,252                  |  |                         |
| ONLY REACTIVE                         | 0                       | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 6,429                   | ONLY A U CODE                 | 31                      |  |                         |
| ONLY D018-43                          | 418                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 374                     | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>7,475</b>            | <b>TOTAL</b>                  | <b>24,688</b>           | <b>Both Characteristic and Listed</b>          | <b>3,260</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 238                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 2,481                   |
| HAS CORROSIVE CODE  | 132                     |   |                         | CORR. W/ AT LEAST 1 LSTD             | 1,346                   |
| HAS REACTIVE CODE   | 12                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 1,245                   |
| HAS D004-D017 CODE  | 158                     |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 1,994                   |
| HAS D018-D043 CODE  | 234                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 2,285                   |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 2,785                   |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 1,220                   |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 1,226                   |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 1,729                   |
| <b>TOTAL</b>  | <b>374</b>              | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>3,260</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, D008, F003, D035, F005, D006, D011, D018

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                    | 24,252         |
| 2            | 3251  | BASIC CHEMICAL MANUFACTURING   | 5,987          |
| 3            | 5622  | WASTE TREATMENT AND DISPOSAL   | 1,220          |
| 4            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                 | 581            |
| 5            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES             | 499            |
| 6            | 4249  | MISCELLANEOUS NONDURABLE GOODS MERCHANT WHOLESALERS                  | 455            |
| 7            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING | 295            |
| 8            | 3369  | OTHER TRANSPORTATION EQUIPMENT MANUFACTURING                         | 198            |
| 9            | 3331  | AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING        | 197            |
| 10           | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                            | 186            |
| <b>Total</b> |       |  | <b>33,870</b>  |

## NEBRASKA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 5

9 Quantity of RCRA Hazardous Waste Managed: 34,873 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                                 | City    | Tons of Waste Managed |
|-------|--------------|---|---------|-----------------------|
| 1     | NED981723513 | CLEAN HARBORS ENVIRONMENTAL SERVICES, INC | KIMBALL | 34,823                |
| 2     | NE0000316646 | MOLEX INCORPORATED                        | LINCOLN | 26                    |
| 3     | NED068652981 | KAWASAKI MANUFACTURING CORP USA           | LINCOLN | 22                    |
| 4     | NED044098689 | ARCHER DANIELS MIDLAND                    | LINCOLN | 2                     |
| 5     | NED000766816 | UNIVERSITY OF NEBRASKA - LINCOLN          | LINCOLN | 0                     |
| Total |              |   |         | 34,873                |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## NEBRASKA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING     | 0                          | 0.0                       | 1                       | 20.0                        |
| INCINERATION      | 34,823                     | 99.9                      | 2                       | 40.0                        |
| OTHER RECOVERY    | 2                          | 0.0                       | 1                       | 20.0                        |
| SLUDGE TREATMENT  | 26                         | 0.1                       | 1                       | 20.0                        |
| SOLVENTS RECOVERY | 22                         | 0.1                       | 1                       | 20.0                        |
|                   | 34,873                     | 100.0                     | 5                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION      | 34,823                     | 99.9                      | 2                       | 40.0                        |
| SLUDGE TREATMENT  | 26                         | 0.1                       | 1                       | 20.0                        |
| SOLVENTS RECOVERY | 22                         | 0.1                       | 1                       | 20.0                        |
| OTHER RECOVERY    | 2                          | 0.0                       | 1                       | 20.0                        |
| FUEL BLENDING     | 0                          | 0.0                       | 1                       | 20.0                        |
|                   | 34,873                     | 100.0                     | 5                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION      | 34,823                     | 99.9                      | 2                       | 40.0                        |
| SOLVENTS RECOVERY | 22                         | 0.1                       | 1                       | 20.0                        |
| FUEL BLENDING     | 0                          | 0.0                       | 1                       | 20.0                        |
| SLUDGE TREATMENT  | 26                         | 0.1                       | 1                       | 20.0                        |
| OTHER RECOVERY    | 2                          | 0.0                       | 1                       | 20.0                        |
|                   | 34,873                     | 100.0                     | 5                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D002, F003, F005, D007, D035, D008, D018, F002, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## NEBRASKA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 83

16 Quantity of RCRA Hazardous Waste Shipped: 43,653

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                   | City          | Quantity Shipped<br>(Tons) |
|-------|--------------|---|---------------|----------------------------|
| 1     | NED087069050 | NUCOR CORPORATION (NUCOR STEEL - NEBRASKA)  | NORFOLK       | 24,252                     |
| 2     | NED981723513 | CLEAN HARBORS ENVIRONMENTAL SERVICES, INC   | KIMBALL       | 9,200                      |
| 3     | NED000610550 | AGRIUM ADVANCED TECHNOLOGIES                | FAIRBURY      | 5,987                      |
| 4     | NED003906716 | WILLIAM H HARVEY                            | OMAHA         | 579                        |
| 5     | NER000508820 | UNITED SUPPLIERS INC I-80 OFF RAMP EXIT 399 | LINCOLN       | 455                        |
| 6     | NED007281728 | LINCOLN INDUSTRIES INC                      | LINCOLN       | 360                        |
| 7     | NED007263486 | SYNGENTA CROP PROTECTION LLC                | OMAHA         | 295                        |
| 8     | NED981495724 | SAFETY-KLEEN SYSTEMS, INC.                  | OMAHA         | 249                        |
| 9     | NED068652981 | KAWASAKI MANUFACTURING CORP USA             | LINCOLN       | 174                        |
| 10    | NED035036201 | CNH AMERICA LLC                             | GRAND ISLAND  | 162                        |
| 11    | NED053316535 | SAFETY-KLEEN SYSTEMS, INC.                  | GRAND ISLAND  | 158                        |
| 12    | NED980973580 | HAMILTON SUNDSTRAND CORPORATION             | YORK          | 118                        |
| 13    | NED986387850 | FLEXCON COMPANY INC                         | COLUMBUS      | 113                        |
| 14    | NER000508903 | MAGELLAN PIPELINE COMPANY LP - NORTH 58TH F | NEBRASKA CITY | 112                        |
| 15    | NED007274699 | PFIZER INC                                  | LINCOLN       | 104                        |
| 16    | NER000508713 | TECHNIQUES SURFACES USA INC                 | KEARNEY       | 101                        |
| 17    | NED980971733 | DUNCAN AVIATION, INC.                       | LINCOLN       | 83                         |
| 18    | NED089569024 | BOSCH SECURITY SYSTEMS INC                  | LINCOLN       | 74                         |
| 19    | NED005070065 | NOVARTIS CONSUMER HEALTH, INC               | LINCOLN       | 65                         |
| 20    | NED040917569 | MAGELLAN PIPELINE COMPANY LP - OMAHA NE TE  | OMAHA         | 57                         |
| 21    | NED007285257 | MAGNUS                                      | FREMONT       | 56                         |
| 22    | NED007263619 | TENNECO AUTOMOTIVE OPERATING COMPANY INC    | COZAD         | 56                         |
| 23    | NED007273279 | HUGHES BROTHERS INC                         | SEWARD        | 55                         |
| 24    | NED007266331 | VEYANCE TECHNOLOGIES, INC                   | LINCOLN       | 44                         |
| 25    | NED007265077 | ELSTER AMERICAN METER COMPANY               | NEBRASKA CITY | 43                         |
| 26    | NED007259054 | CONNECTIVITY SOLUTIONS MANUFACTURING INC    | OMAHA         | 39                         |
| 27    | NE0000316646 | MOLEX INCORPORATED                          | LINCOLN       | 34                         |
| 28    | NED072904543 | THE OILGEAR COMPANY                         | FREMONT       | 31                         |
| 29    | NER000505396 | MERCK ANIMAL HEALTH                         | OMAHA         | 30                         |
| 30    | NED007265382 | VISHAY DALE ELECTRONICS, PLANT 6            | COLUMBUS      | 30                         |
| 31    | NER000000117 | CARGILL INCORPORATED - CORN MILLING NORTH   | BLAIR         | 30                         |
| 32    | NED007267214 | VALMONT INDUSTRIES INCORPORATED             | VALLEY        | 29                         |
| 33    | NED007258338 | CONCRETE EQUIPMENT COMPANY INC              | BLAIR         | 28                         |
| 34    | NER000506261 | LINCOLN COMPOSITES INC.                     | LINCOLN       | 26                         |
| 35    | NED000809483 | UNIVAR USA INC                              | OMAHA         | 26                         |
| 36    | NED000822817 | VISHAY DALE ELECTRONICS, PLANT 2            | COLUMBUS      | 25                         |
| 37    | NED007263197 | BECTON DICKINSON - MEDICAL SURGICAL SYSTEM  | COLUMBUS      | 24                         |
| 38    | NED043534635 | GENERAL DYNAMICS ATP INC LINCOLN OEPRTION   | LINCOLN       | 24                         |
| 39    | NE8571924648 | US AIR FORCE OFFUTT AFB NE                  | OFFUTT AFB    | 22                         |
| 40    | NED000766808 | UNIVERSITY OF NEBRASKA                      | LINCOLN       | 22                         |
| 41    | NED007272701 | DEETER FOUNDRY INC                          | LINCOLN       | 20                         |
| 42    | NED068655968 | ADC TELECOMMUNICATIONS INC                  | SIDNEY        | 20                         |
| 43    | NED000766816 | UNIVERSITY OF NEBRASKA - LINCOLN            | LINCOLN       | 20                         |
| 44    | NED047047543 | BECTON DICKINSON AND COMPANY HOLDREGE       | HOLDREGE      | 19                         |
| 45    | NER000509067 | SUNNY'S LLC                                 | NEWPORT       | 19                         |
| 46    | NED986375533 | MERCK ANIMAL HEALTH                         | ELKHORN       | 17                         |
| 47    | NED099564684 | EGS ELECTRICAL GROUP                        | COLUMBUS      | 16                         |
| 48    | NED065133167 | EATON CORPORATION - KEARNEY NEBRASKA        | KEARNEY       | 15                         |
| 49    | NED986369338 | PROGRESS VANGUARD                           | LINCOLN       | 13                         |
| 50    | NER000508911 | JPA WEST HAYMARKET PROJECT                  | LINCOLN       | 12                         |
| Total |              |   |               | 43,548                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**NEBRASKA**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 4

**19** Quantity of RCRA Hazardous Waste Received: 37,429 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City         | Quantity Received<br>(Tons) |
|--------------|--------------|--|--------------|-----------------------------|
| 1            | NED981723513 | CLEAN HARBORS ENVIRONMENTAL SERVICES, INC. | KIMBALL      | 37,201                      |
| 2            | NED981495724 | SAFETY-KLEEN SYSTEMS, INC.                 | OMAHA        | 147                         |
| 3            | NED053316535 | SAFETY-KLEEN SYSTEMS, INC.                 | GRAND ISLAND | 80                          |
| 4            | NED000766816 | UNIVERSITY OF NEBRASKA - LINCOLN           | LINCOLN      | 0                           |
| <b>Total</b> |              |  |              | <b>37,429</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## NEBRASKA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING           | 0                          | 0.0                       | 1                       | 25.0                        |
| INCINERATION            | 33,714                     | 90.1                      | 2                       | 50.0                        |
| STORAGE AND/OR TRANSFER | 3,714                      | 9.9                       | 4                       | 100.0                       |
|                         | 37,429                     | 100.0                     | 4                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION            | 33,714                     | 90.1                      | 2                       | 50.0                        |
| STORAGE AND/OR TRANSFER | 3,714                      | 9.9                       | 4                       | 100.0                       |
| FUEL BLENDING           | 0                          | 0.0                       | 1                       | 25.0                        |
|                         | 37,429                     | 100.0                     | 4                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 3,714                      | 9.9                       | 4                       | 100.0                       |
| INCINERATION            | 33,714                     | 90.1                      | 2                       | 50.0                        |
| FUEL BLENDING           | 0                          | 0.0                       | 1                       | 25.0                        |
|                         | 37,429                     | 100.0                     | 4                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## NEBRASKA

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 42,689 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 34,741 Tons

**26 Nebraska Interstate Shipment / Receipts (As reported by Nebraska):**

The State to which Nebraska shipped the largest quantity of waste was Illinois (26,232 tons).

The State that shipped the largest quantity of waste to Nebraska was Colorado (9,285 tons).

## NEVADA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 101

2 Quantity of RCRA Hazardous Waste Generated: 9,839 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City            | Total Generated<br>(Tons) |
|--------------|--------------|---|-----------------|---------------------------|
| 1            | NV1210090006 | HAWTHORNE ARMY DEPOT                        | HAWTHORNE       | 3,068                     |
| 2            | NVD980895338 | 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF    | FERNLEY         | 1,324                     |
| 3            | NVR000049361 | INSPECTORATE AMERICA CORPORATION            | SPARKS          | 1,190                     |
| 4            | NVR000083246 | ALS CHEMEX MINERALS                         | RENO            | 822                       |
| 5            | NVD980885560 | AMERICAN ASSAY LAB                          | SPARKS          | 347                       |
| 6            | NVD000626531 | BARRICK GOLDSTRIKE MINE, INC.               | CARLIN          | 336                       |
| 7            | NVD000627034 | NEWMONT MINING CORPORATION (GOLD QUARRY)    | CARLIN          | 279                       |
| 8            | NVD986775559 | HYCROFT                                     | WINNEMUCCA      | 216                       |
| 9            | NVR000066837 | SAFETY KLEEN SYSTEMS, INC.                  | NORTH LAS VEGAS | 199                       |
| 10           | NVT330010299 | NORTH VALMY POWER PLANT - SIERRA PACIFIC PO | VALMY           | 175                       |
| 11           | NVR000085936 | RODEO CREEK GOLD INC - HOLLISTER MINE       | WINNEMUCCA      | 98                        |
| 12           | NVD982408668 | NEWMONT MINING CORPORATION - TWIN CREEKS M  | GOLCONDA        | 94                        |
| 13           | NVR000073874 | BARRICK CORTEZ INC.                         | CRESCENT VALLEY | 87                        |
| 14           | NVR000041855 | QUAD/GRAPHICS PRINTING CORP.                | FERNLEY         | 86                        |
| 15           | NVR000001495 | E I DUPONT DE NEMOURS                       | BLACK SPRINGS   | 72                        |
| 16           | NVR000076034 | CAROLINA LOGISTICS SERVICES LLC             | RENO            | 70                        |
| 17           | NVR000084491 | MARATHON OIL SANDS                          | SPARKS          | 69                        |
| 18           | NVR000000836 | SIERRA PACKAGING AND CONVERTING LLC.        | SPARKS          | 68                        |
| 19           | NVR000084996 | ERICKSON INTERNATIONAL LLC                  | LAS VEGAS       | 63                        |
| 20           | NVD058947086 | SFPP, L.P. RENO TERMINAL                    | SPARKS          | 62                        |
| 21           | NVD981641434 | RR DONNELLEY                                | RENO            | 60                        |
| 22           | NVD092497999 | THYSSENKRUPP VDM USA                        | STEAD           | 59                        |
| 23           | NVD982030520 | NEVADA WOOD PRESERVING INC.                 | SILVER SPRINGS  | 58                        |
| 24           | NVR000072504 | LAS VEGAS FINISHING, LLC                    | LAS VEGAS       | 53                        |
| 25           | NVR000078501 | CAPITAL CABINETS                            | NORTH LAS VEGAS | 50                        |
| 26           | NVD990764961 | CALNEV PIPE LINE, LLC - LAS VEGAS TERMINAL  | LAS VEGAS       | 47                        |
| 27           | NVR000000018 | WALMART RETURN CENTER #9195                 | NORTH LAS VEGAS | 47                        |
| 28           | NVR000075838 | QUEST DIAGNOSTICS                           | LAS VEGAS       | 46                        |
| 29           | NVR000073544 | KAPPES, CASSIDAY & ASSOCIATES               | RENO            | 37                        |
| 30           | NVR000038737 | SHERWIN WILLIAMS                            | STEAD           | 35                        |
| 31           | NV3890090001 | U. S. DOE, NNSA/NSO                         | MERCURY         | 34                        |
| 32           | NVD986774735 | BARRICK TURQUOISE RIDGE                     | GOLCONDA        | 32                        |
| 33           | NVD981963549 | UNIVERSITY OF NEVADA RENO                   | RENO            | 31                        |
| 34           | NVD982467250 | DURA-BOND BEARING CO                        | CARSON CITY     | 30                        |
| 35           | NVD008477820 | HAMILTON COMPANY                            | RENO            | 29                        |
| 36           | NVR000086231 | JAMES HARDIE BUILDIGN PRODUCTS              | MCCARRAN        | 28                        |
| 37           | NVD986776177 | X-TREME BULLETS INC.                        | MOUND HOUSE     | 26                        |
| 38           | NVR000053215 | MEDCO HEALTH SOLUTIONS                      | LAS VEGAS       | 24                        |
| 39           | NVD096691886 | QUEENSTAKE RESOURCES JERRITT CANYON MINE    | ELKO            | 20                        |
| 40           | NVD986776169 | COSTCO WHOLESALE #25                        | RENO            | 19                        |
| 41           | NV7570024110 | USAF NELLIS AIR FORCE BASE (NAFB)           | NELLIS AFB      | 18                        |
| 42           | NVR000079137 | TRANSPORTATION SECURITY ADMINISTRATION      | LAS VEGAS       | 18                        |
| 43           | NVR000084038 | FORMER AL PHILIPS THE CLEANER               | LAS VEGAS       | 18                        |
| 44           | NVD982470056 | SUNRISE HOSPITAL AND MEDICAL CENTER LLC     | LAS VEGAS       | 18                        |
| 45           | NVD986767572 | COEUR ROCHESTER, INC.                       | LOVELOCK        | 17                        |
| 46           | NVD009562471 | TITANIUM METALS                             | HENDERSON       | 17                        |
| 47           | NVD986766954 | MARIGOLD MINING COMPANY                     | VALMY           | 15                        |
| 48           | NVR000000810 | NEVADA COLOR LITHO                          | LAS VEGAS       | 15                        |
| 49           | NVT330010000 | US ECOLOGY NEVADA                           | BEATTY          | 13                        |
| 50           | NVR000073528 | COSTCO WHOLESALE #127                       | CARSON CITY     | 13                        |
| <b>Total</b> |              |   |                 | <b>9,655</b>              |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## NEVADA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 209                     | ONLY AN F CODE                | 119                     |  |                         |
| ONLY CORROSIVE                        | 73                      | ONLY A K CODE                 | 0                       |  |                         |
| ONLY REACTIVE                         | 2,719                   | ONLY A P CODE                 | 1                       |  |                         |
| ONLY D004-17                          | 3,784                   | ONLY A U CODE                 | 28                      |  |                         |
| ONLY D018-43                          | 75                      |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 883                     | HAS MORE THAN ONE LISTED CODE | 1                       |  |                         |
| <b>TOTAL</b>                          | <b>7,743</b>            | <b>TOTAL</b>                  | <b>149</b>              | <b>Both Characteristic and Listed</b>          | <b>1,945</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 625                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 492                     |
| HAS CORROSIVE CODE  | 229                     |   |                         | CORR. W/ AT LEAST 1 LSTD             | 112                     |
| HAS REACTIVE CODE   | 358                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 46                      |
| HAS D004-D017 CODE  | 261                     |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 1,489                   |
| HAS D018-D043 CODE  | 332                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 255                     |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 1,805                   |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 62                      |
|   |                         | HAS A P CODE                            | 1                       | P WASTE W/ AT LEAST 1 CHAR           | 66                      |
|   |                         | HAS A U CODE                            | 1                       | U WASTE W/ AT LEAST 1 CHAR           | 122                     |
| <b>TOTAL</b>  | <b>883</b>              | <b>TOTAL</b>                            | <b>1</b>                | <b>TOTAL</b>                         | <b>1,945</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D008, D007, D035, D011, D009, D005, D018, D003

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS              | 3,136          |
| 2            | 5413  | ARCHITECTURAL, ENGINEERING, AND RELATED SERVICES         | 2,359          |
| 3            | 5622  | WASTE TREATMENT AND DISPOSAL                             | 1,337          |
| 4            | 2122  | METAL ORE MINING   | 1,203          |
| 5            | 4931  | WAREHOUSING AND STORAGE                                  | 269            |
| 6            | 3231  | PRINTING AND RELATED SUPPORT ACTIVITIES                  | 230            |
| 7            | 5621  | WASTE COLLECTION   | 199            |
| 8            | 2211  | ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION | 186            |
| 9            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES | 90             |
| 10           | 4249  | MISCELLANEOUS NONDURABLE GOODS MERCHANT WHOLESALERS      | 72             |
| <b>Total</b> |       |  | <b>9,082</b>   |

## NEVADA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 7

9 Quantity of RCRA Hazardous Waste Managed: 76,742 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                                | City            | Tons of Waste Managed |
|-------|--------------|--|-----------------|-----------------------|
| 1     | NVT330010000 | US ECOLOGY NEVADA                        | BEATTY          | 60,930                |
| 2     | NVD980895338 | 21ST CENTURY ENVIRONMENTAL MANAGEMENT O  | FERNLEY         | 11,976                |
| 3     | NV5210090010 | NEW BOMB FACILITY (HAWTHORNE ARMY DEPOT) | HAWTHORNE       | 2,678                 |
| 4     | NV3890090001 | U. S. DOE, NNSA/NSO                      | MERCURY         | 756                   |
| 5     | NV1210090006 | HAWTHORNE ARMY DEPOT                     | HAWTHORNE       | 337                   |
| 6     | NVR000084996 | ERICKSON INTERNATIONAL LLC               | LAS VEGAS       | 63                    |
| 7     | NVR000078501 | CAPITAL CABINETS                         | NORTH LAS VEGAS | 3                     |
| Total |              |  |                 | 76,742                |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## NEVADA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT        | 430                        | 0.6                       | 1                       | 14.3                        |
| INCINERATION                       | 3,015                      | 3.9                       | 3                       | 42.9                        |
| LAND TREATMENT/APPLICATION/FARMING | 62                         | 0.1                       | 1                       | 14.3                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 61,620                     | 80.3                      | 2                       | 28.6                        |
| OTHER TREATMENT                    | 1,444                      | 1.9                       | 2                       | 28.6                        |
| SLUDGE TREATMENT                   | 186                        | 0.2                       | 1                       | 14.3                        |
| SOLVENTS RECOVERY                  | 66                         | 0.1                       | 2                       | 28.6                        |
| STABILIZATION                      | 9,919                      | 12.9                      | 1                       | 14.3                        |
|                                    | 76,742                     | 100.0                     | 7                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT       | 61,620                     | 80.3                      | 2                       | 28.6                        |
| STABILIZATION                      | 9,919                      | 12.9                      | 1                       | 14.3                        |
| INCINERATION                       | 3,015                      | 3.9                       | 3                       | 42.9                        |
| OTHER TREATMENT                    | 1,444                      | 1.9                       | 2                       | 28.6                        |
| AQUEOUS INORGANIC TREATMENT        | 430                        | 0.6                       | 1                       | 14.3                        |
| SLUDGE TREATMENT                   | 186                        | 0.2                       | 1                       | 14.3                        |
| SOLVENTS RECOVERY                  | 66                         | 0.1                       | 2                       | 28.6                        |
| LAND TREATMENT/APPLICATION/FARMING | 62                         | 0.1                       | 1                       | 14.3                        |
|                                    | 76,742                     | 100.0                     | 7                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION                       | 3,015                      | 3.9                       | 3                       | 42.9                        |
| SOLVENTS RECOVERY                  | 66                         | 0.1                       | 2                       | 28.6                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 61,620                     | 80.3                      | 2                       | 28.6                        |
| OTHER TREATMENT                    | 1,444                      | 1.9                       | 2                       | 28.6                        |
| SLUDGE TREATMENT                   | 186                        | 0.2                       | 1                       | 14.3                        |
| LAND TREATMENT/APPLICATION/FARMING | 62                         | 0.1                       | 1                       | 14.3                        |
| AQUEOUS INORGANIC TREATMENT        | 430                        | 0.6                       | 1                       | 14.3                        |
| STABILIZATION                      | 9,919                      | 12.9                      | 1                       | 14.3                        |
|                                    | 76,742                     | 100.0                     | 7                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D002, D008, D007, D006, D011, D005, D004, D001, D010, D009

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## NEVADA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 99

16 Quantity of RCRA Hazardous Waste Shipped: 11,932

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City            | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|-----------------|----------------------------|
| 1            | NVD980895338 | 21ST CENTURY ENVIRONMENTAL MANAGEMENT O     | FERNLEY         | 3,798                      |
| 2            | NV1210090006 | HAWTHORNE ARMY DEPOT                        | HAWTHORNE       | 2,749                      |
| 3            | NVR000049361 | INSPECTORATE AMERICA CORPORATION            | SPARKS          | 1,190                      |
| 4            | NVR000083246 | ALS CHEMEX MINERALS                         | RENO            | 822                        |
| 5            | NVD980885560 | AMERICAN ASSAY LAB                          | SPARKS          | 347                        |
| 6            | NVD000626531 | BARRICK GOLDSTRIKE MINE, INC.               | CARLIN          | 336                        |
| 7            | NVR000066837 | SAFETY KLEEN SYSTEMS, INC.                  | NORTH LAS VEGAS | 283                        |
| 8            | NVD000627034 | NEWMONT MINING CORPORATION (GOLD QUARRY     | CARLIN          | 272                        |
| 9            | NVD986775559 | HYCROFT                                     | WINNEMUCCA      | 216                        |
| 10           | NVT330010299 | NORTH VALMY POWER PLANT - SIERRA PACIFIC PC | VALMY           | 175                        |
| 11           | NVR000085936 | RODEO CREEK GOLD INC - HOLLISTER MINE       | WINNEMUCCA      | 98                         |
| 12           | NVD982408668 | NEWMONT MINING CORPORATION - TWIN CREEKS    | GOLCONDA        | 94                         |
| 13           | NVR000073874 | BARRICK CORTEZ INC.                         | CRESCENT VALLEY | 87                         |
| 14           | NVR000041855 | QUAD/GRAPHICS PRINTING CORP.                | FERNLEY         | 86                         |
| 15           | NVR000076034 | CAROLINA LOGISTICS SERVICES LLC             | RENO            | 70                         |
| 16           | NVR000084491 | MARATHON OIL SANDS                          | SPARKS          | 69                         |
| 17           | NVR000000836 | SIERRA PACKAGING AND CONVERTING LLC.        | SPARKS          | 68                         |
| 18           | NVD058947086 | SFPP,L.P. RENO TERMINAL                     | SPARKS          | 63                         |
| 19           | NVR000084996 | ERICKSON INTERNATIONAL LLC                  | LAS VEGAS       | 63                         |
| 20           | NVD981641434 | RR DONNELLEY                                | RENO            | 60                         |
| 21           | NVD092497999 | THYSSENKRUPP VDM USA                        | STEAD           | 59                         |
| 22           | NVD982030520 | NEVADA WOOD PRESERVING INC.                 | SILVER SPRINGS  | 58                         |
| 23           | NVR000072504 | LAS VEGAS FINISHING, LLC                    | LAS VEGAS       | 53                         |
| 24           | NVR000078501 | CAPITAL CABINETS                            | NORTH LAS VEGAS | 48                         |
| 25           | NVD990764961 | CALNEV PIPE LINE, LLC - LAS VEGAS TERMINAL  | LAS VEGAS       | 47                         |
| 26           | NVR000000018 | WALMART RETURN CENTER #9195                 | NORTH LAS VEGAS | 47                         |
| 27           | NVR000075838 | QUEST DIAGNOSTICS                           | LAS VEGAS       | 46                         |
| 28           | NVR000073544 | KAPPES, CASSIDAY & ASSOCIATES               | RENO            | 37                         |
| 29           | NVR000038737 | SHERWIN WILLIAMS                            | STEAD           | 35                         |
| 30           | NVD986774735 | BARRICK TURQUOISE RIDGE                     | GOLCONDA        | 32                         |
| 31           | NVD981963549 | UNIVERSITY OF NEVADA RENO                   | RENO            | 31                         |
| 32           | NVD982467250 | DURA-BOND BEARING CO                        | CARSON CITY     | 30                         |
| 33           | NVD008477820 | HAMILTON COMPANY                            | RENO            | 29                         |
| 34           | NVR000086231 | JAMES HARDIE BUILDIGN PRODUCTS              | MCCARRAN        | 28                         |
| 35           | NVD986776177 | X-TREME BULLETS INC.                        | MOUND HOUSE     | 26                         |
| 36           | NVD096691886 | QUEENSTAKE RESOURCES JERRITT CANYON MINE    | ELKO            | 20                         |
| 37           | NVD986776169 | COSTCO WHOLESALE #25                        | RENO            | 19                         |
| 38           | NV7570024110 | USAF NELLIS AIR FORCE BASE (NAFB)           | NELLIS AFB      | 18                         |
| 39           | NVR000079137 | TRANSPORTATION SECURITY ADMINISTRATION      | LAS VEGAS       | 18                         |
| 40           | NVR000084038 | FORMER AL PHILIPS THE CLEANER               | LAS VEGAS       | 18                         |
| 41           | NVD982470056 | SUNRISE HOSPITAL AND MEDICAL CENTER LLC     | LAS VEGAS       | 18                         |
| 42           | NVD986767572 | COEUR ROCHESTER, INC.                       | LOVELOCK        | 17                         |
| 43           | NVD009562471 | TITANIUM METALS                             | HENDERSON       | 17                         |
| 44           | NVD986766954 | MARIGOLD MINING COMPANY                     | VALMY           | 16                         |
| 45           | NVR000000810 | NEVADA COLOR LITHO                          | LAS VEGAS       | 15                         |
| 46           | NVR000073528 | COSTCO WHOLESALE #127                       | CARSON CITY     | 13                         |
| 47           | NVR000084053 | PINNACLE ANALYTICAL LABORATORIES            | LOVELOCK        | 12                         |
| 48           | NVR000084558 | SHERWIN-WILLIAMS #8111                      | LAS VEGAS       | 12                         |
| 49           | NVD085286037 | ALL METALS PROCESSING                       | CARSON CITY     | 11                         |
| 50           | NVR000081133 | COSTCO WHOLESALE #646                       | SPARKS          | 11                         |
| <b>Total</b> |              |   |                 | <b>11,789</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## NEVADA

### 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 5

19 Quantity of RCRA Hazardous Waste Received: 78,743 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City            | Quantity Received<br>(Tons) |
|--------------|--------------|--|-----------------|-----------------------------|
| 1            | NVT330010000 | US ECOLOGY NEVADA                          | BEATTY          | 61,197                      |
| 2            | NVD980895338 | 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF N | FERNLEY         | 14,019                      |
| 3            | NV5210090010 | NEW BOMB FACILITY (HAWTHORNE ARMY DEPOT)   | HAWTHORNE       | 2,678                       |
| 4            | NV3890090001 | U. S. DOE, NNSA/NSO                        | MERCURY         | 752                         |
| 5            | NVR000066837 | SAFETY KLEEN SYSTEMS, INC.                 | NORTH LAS VEGAS | 97                          |
| <b>Total</b> |              |  |                 | <b>78,743</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## NEVADA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT        | 430                        | 0.5                       | 1                       | 20.0                        |
| INCINERATION                       | 2,678                      | 3.4                       | 2                       | 40.0                        |
| LAND TREATMENT/APPLICATION/FARMING | 62                         | 0.1                       | 1                       | 20.0                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 61,604                     | 78.2                      | 2                       | 40.0                        |
| OTHER TREATMENT                    | 1,444                      | 1.8                       | 2                       | 40.0                        |
| SLUDGE TREATMENT                   | 186                        | 0.2                       | 1                       | 20.0                        |
| STABILIZATION                      | 9,919                      | 12.6                      | 1                       | 20.0                        |
| STORAGE AND/OR TRANSFER            | 2,420                      | 3.1                       | 3                       | 60.0                        |
|                                    | 78,743                     | 100.0                     | 5                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT       | 61,604                     | 78.2                      | 2                       | 40.0                        |
| STABILIZATION                      | 9,919                      | 12.6                      | 1                       | 20.0                        |
| INCINERATION                       | 2,678                      | 3.4                       | 2                       | 40.0                        |
| STORAGE AND/OR TRANSFER            | 2,420                      | 3.1                       | 3                       | 60.0                        |
| OTHER TREATMENT                    | 1,444                      | 1.8                       | 2                       | 40.0                        |
| AQUEOUS INORGANIC TREATMENT        | 430                        | 0.5                       | 1                       | 20.0                        |
| SLUDGE TREATMENT                   | 186                        | 0.2                       | 1                       | 20.0                        |
| LAND TREATMENT/APPLICATION/FARMING | 62                         | 0.1                       | 1                       | 20.0                        |
|                                    | 78,743                     | 100.0                     | 5                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER            | 2,420                      | 3.1                       | 3                       | 60.0                        |
| OTHER TREATMENT                    | 1,444                      | 1.8                       | 2                       | 40.0                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 61,604                     | 78.2                      | 2                       | 40.0                        |
| INCINERATION                       | 2,678                      | 3.4                       | 2                       | 40.0                        |
| SLUDGE TREATMENT                   | 186                        | 0.2                       | 1                       | 20.0                        |
| LAND TREATMENT/APPLICATION/FARMING | 62                         | 0.1                       | 1                       | 20.0                        |
| AQUEOUS INORGANIC TREATMENT        | 430                        | 0.5                       | 1                       | 20.0                        |
| STABILIZATION                      | 9,919                      | 12.6                      | 1                       | 20.0                        |
|                                    | 78,743                     | 100.0                     | 5                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**NEVADA**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 3,652 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 71,366 Tons

**26 Nevada Interstate Shipment / Receipts (As reported by Nevada):**

The State to which Nevada shipped the largest quantity of waste was Utah (1,799 tons).

The State that shipped the largest quantity of waste to Nevada was California (60,900 tons).

## NEW HAMPSHIRE

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 152

2 Quantity of RCRA Hazardous Waste Generated: 3,949 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City         | Total Generated<br>(Tons) |
|--------------|--------------|---|--------------|---------------------------|
| 1            | NHD048722466 | HENKEL CORP                                 | SEABROOK     | 246                       |
| 2            | NHD018953794 | STURM RUGER & CO INC                        | NEWPORT      | 219                       |
| 3            | NHD001085158 | MARKEM IMAJE CORP                           | KEENE        | 177                       |
| 4            | NHD073974651 | AMPHENOL APC DIVISION                       | NASHUA       | 169                       |
| 5            | NHD510207228 | BAE SYSTEMS INFO & ELECTRONIC SYS INC       | EPPING       | 165                       |
| 6            | NHD073990418 | BURNDY LLC                                  | LINCOLN      | 159                       |
| 7            | NHD058537960 | WEBSTER VALVE INC                           | FRANKLIN     | 155                       |
| 8            | NHD001038348 | UPACO INDUSTRIES INC                        | NASHUA       | 110                       |
| 9            | NHD001078682 | HITCHINER MANUFACTURING CO INC              | MILFORD      | 106                       |
| 10           | NHD510150329 | MANCHESTER PUBLIC BLDG SVCS CITY OF         | MANCHESTER   | 104                       |
| 11           | NHD990717092 | HENKEL CORP                                 | SEABROOK     | 100                       |
| 12           | NHD986471852 | ULTRASOURCE INC                             | HOLLIS       | 98                        |
| 13           | NHD001427475 | GE AVIATION                                 | HOOKSETT     | 83                        |
| 14           | NHD073964496 | MPB CORP                                    | LEBANON      | 80                        |
| 15           | NHD982716227 | JMD INDUSTRIES INC                          | HUDSON       | 73                        |
| 16           | NHD986483832 | NH DOT DIV PROJECT DEVELOPMENT              | PORTSMOUTH   | 66                        |
| 17           | NHD510014640 | CONTINENTAL MICROWAVE DBA COBHAM            | EXETER       | 66                        |
| 18           | NHD986470730 | NEW ENGLAND WIRE LITTLETON INC              | LITTLETON    | 65                        |
| 19           | NHD062002035 | EMD MILLIPORE CORP                          | JAFFREY      | 63                        |
| 20           | NHD500014998 | LONZA BIOLOGICS                             | PORTSMOUTH   | 56                        |
| 21           | NHD000636134 | GE AVIATION                                 | HOOKSETT     | 54                        |
| 22           | NHD982763427 | TECHNICAL GRAPHICS INC                      | MILFORD      | 54                        |
| 23           | NHD001422351 | ALLTEX UNIFORM RENTAL SVC INC               | MANCHESTER   | 54                        |
| 24           | NHD002059525 | THOMPSON CENTER ARMS                        | ROCHESTER    | 52                        |
| 25           | NHD002576817 | AAVID THERMALLOY LLC                        | LACONIA      | 50                        |
| 26           | NHD510001589 | HITCHINER MANUFACTURING CO INC              | MILFORD      | 47                        |
| 27           | NHD500003587 | WAKEFIELD THERMAL SOLUTIONS                 | PELHAM       | 38                        |
| 28           | NHD048727994 | PARKER HANNIFIN CORP                        | HUDSON       | 33                        |
| 29           | NHD001076942 | LABEL ART AKA WS PACKAGING GROUP INC        | WILTON       | 33                        |
| 30           | NHD037706082 | TELEFLEX MEDICAL INC                        | JAFFREY      | 32                        |
| 31           | NHD001078062 | TELEDYNE PRINTED CIRCUIT TECHNOLOGIES       | HUDSON       | 30                        |
| 32           | NHD101403509 | NASHUA CIRCUITS INC                         | NASHUA       | 30                        |
| 33           | NHD500021738 | PRESSTEK INC                                | HUDSON       | 30                        |
| 34           | NHD001079219 | BAE SYSTEMS INFO & ELECTRONIC SYS INTERGRAT | NASHUA       | 30                        |
| 35           | NHD001086321 | NEW HAMPSHIRE BALL BEARINGS INC             | PETERBOROUGH | 28                        |
| 36           | NHD041027822 | DARTMOUTH COLLEGE                           | HANOVER      | 28                        |
| 37           | NHD001082908 | TIMKEN SUPER PRECISION MPB                  | KEENE        | 25                        |
| 38           | NHD510204829 | NH DOT PROJECT DEVELOPMENT                  | PORTSMOUTH   | 25                        |
| 39           | NHD980917660 | HITCHINER MANUFACTURING CO INC              | LITTLETON    | 24                        |
| 40           | NHD986472322 | SIG SAUER INC                               | EXETER       | 23                        |
| 41           | NHD510203276 | UNIVERSITY OF NEW HAMPSHIRE                 | ROCHESTER    | 23                        |
| 42           | NHD986472439 | MARY HITCHCOCK MEMORIAL HOSP                | LEBANON      | 22                        |
| 43           | NHD000790923 | UNIVERSITY OF NEW HAMPSHIRE                 | DURHAM       | 22                        |
| 44           | NHD018955641 | HARDING METALS                              | NORTHWOOD    | 21                        |
| 45           | NHD040244428 | ELECTROPAC CO INC                           | MANCHESTER   | 21                        |
| 46           | NHD986472728 | BOSTON ANALYTICAL INC                       | SALEM        | 21                        |
| 47           | NHD510168834 | ANAREN CERAMICS                             | SALEM        | 20                        |
| 48           | NHD001086198 | KALWALL CORP PANEL & ACCESSORIES DIV        | MANCHESTER   | 20                        |
| 49           | NHD510205875 | NH DOT PROJECT DEVELOPMENT PROJ 14461       | LEE          | 20                        |
| 50           | NHD986469609 | NH ARMY NATIONAL GUARD                      | CONCORD      | 19                        |
| <b>Total</b> |              |   |              | <b>3,287</b>              |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## NEW HAMPSHIRE

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 373                     | ONLY AN F CODE                | 850                     |  |                         |
| ONLY CORROSIVE                        | 314                     | ONLY A K CODE                 | 0                       |  |                         |
| ONLY REACTIVE                         | 3                       | ONLY A P CODE                 | 1                       |  |                         |
| ONLY D004-17                          | 1,186                   | ONLY A U CODE                 | 5                       |  |                         |
| ONLY D018-43                          | 13                      |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 510                     | HAS MORE THAN ONE LISTED CODE | 1                       |  |                         |
| <b>TOTAL</b>                          | <b>2,398</b>            | <b>TOTAL</b>                  | <b>856</b>              | <b>Both Characteristic and Listed</b>          | <b>695</b>              |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 241                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 575                     |
| HAS CORROSIVE CODE  | 320                     |   |                         | CORR. W/ AT LEAST 1 LSTD             | 38                      |
| HAS REACTIVE CODE   | 2                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 8                       |
| HAS D004-D017 CODE  | 344                     |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 66                      |
| HAS D018-D043 CODE  | 154                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 290                     |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 648                     |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 23                      |
|   |                         | HAS A P CODE                            | 1                       | P WASTE W/ AT LEAST 1 CHAR           | 1                       |
|   |                         | HAS A U CODE                            | 1                       | U WASTE W/ AT LEAST 1 CHAR           | 24                      |
| <b>TOTAL</b>  | <b>510</b>              | <b>TOTAL</b>                            | <b>1</b>                | <b>TOTAL</b>                         | <b>695</b>              |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, F003, D008, D035, F005, D005, F006, D003

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING | 654            |
| 2            | 3329  | OTHER FABRICATED METAL PRODUCT MANUFACTURING               | 636            |
| 3            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                 | 456            |
| 4            | 5629  | REMEDIATION AND OTHER WASTE MANAGEMENT SERVICES            | 241            |
| 5            | 3339  | OTHER GENERAL PURPOSE MACHINERY MANUFACTURING              | 194            |
| 6            | 7139  | OTHER AMUSEMENT AND RECREATION INDUSTRIES                  | 170            |
| 7            | 3315  | FOUNDRIES  | 165            |
| 8            | 3359  | OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING     | 159            |
| 9            | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                  | 137            |
| 10           | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES   | 132            |
| <b>Total</b> |       |  | <b>2,944</b>   |

**NEW HAMPSHIRE**

**2011 WASTE MANAGEMENT**

Tables 8, 9, and 10 have been omitted from this report because there were no facilities in the State of New Hampshire that reported managing RCRA hazardous waste in 2011.

**NEW HAMPSHIRE**

**2011 WASTE MANAGEMENT, CONTINUED**

Tables 11, 12, 13, and 14 have been omitted from this report because there were no facilities in the State of New Hampshire that reported managing RCRA hazardous waste in 2011.

## NEW HAMPSHIRE

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 152

16 Quantity of RCRA Hazardous Waste Shipped: 3,949

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                  | City         | Quantity Shipped<br>(Tons) |
|-------|--------------|--|--------------|----------------------------|
| 1     | NHD048722466 | HENKEL CORP                                | SEABROOK     | 246                        |
| 2     | NHD018953794 | STURM RUGER & CO INC                       | NEWPORT      | 219                        |
| 3     | NHD001085158 | MARKEM IMAJE CORP                          | KEENE        | 177                        |
| 4     | NHD073974651 | AMPHENOL APC DIVISION                      | NASHUA       | 169                        |
| 5     | NHD510207228 | BAE SYSTEMS INFO & ELECTRONIC SYS INC      | EPPING       | 165                        |
| 6     | NHD073990418 | BURNDY LLC                                 | LINCOLN      | 159                        |
| 7     | NHD058537960 | WEBSTER VALVE INC                          | FRANKLIN     | 155                        |
| 8     | NHD001038348 | UPACO INDUSTRIES INC                       | NASHUA       | 110                        |
| 9     | NHD001078682 | HITCHINER MANUFACTURING CO INC             | MILFORD      | 106                        |
| 10    | NHD510150329 | MANCHESTER PUBLIC BLDG SVCS CITY OF        | MANCHESTER   | 104                        |
| 11    | NHD990717092 | HENKEL CORP                                | SEABROOK     | 100                        |
| 12    | NHD986471852 | ULTRASOURCE INC                            | HOLLIS       | 98                         |
| 13    | NHD001427475 | GE AVIATION                                | HOOKSETT     | 83                         |
| 14    | NHD073964496 | MPB CORP                                   | LEBANON      | 80                         |
| 15    | NHD982716227 | JMD INDUSTRIES INC                         | HUDSON       | 73                         |
| 16    | NHD986483832 | NH DOT DIV PROJECT DEVELOPMENT             | PORTSMOUTH   | 66                         |
| 17    | NHD510014640 | CONTINENTAL MICROWAVE DBA COBHAM           | EXETER       | 66                         |
| 18    | NHD986470730 | NEW ENGLAND WIRE LITTLETON INC             | LITTLETON    | 65                         |
| 19    | NHD062002035 | EMD MILLIPORE CORP                         | JAFFREY      | 63                         |
| 20    | NHD500014998 | LONZA BIOLOGICS                            | PORTSMOUTH   | 56                         |
| 21    | NHD000636134 | GE AVIATION                                | HOOKSETT     | 54                         |
| 22    | NHD982763427 | TECHNICAL GRAPHICS INC                     | MILFORD      | 54                         |
| 23    | NHD001422351 | ALLTEX UNIFORM RENTAL SVC INC              | MANCHESTER   | 54                         |
| 24    | NHD002059525 | THOMPSON CENTER ARMS                       | ROCHESTER    | 52                         |
| 25    | NHD002576817 | AAVID THERMALLOY LLC                       | LACONIA      | 50                         |
| 26    | NHD510001589 | HITCHINER MANUFACTURING CO INC             | MILFORD      | 47                         |
| 27    | NHD500003587 | WAKEFIELD THERMAL SOLUTIONS                | PELHAM       | 38                         |
| 28    | NHD048727994 | PARKER HANNIFIN CORP                       | HUDSON       | 33                         |
| 29    | NHD001076942 | LABEL ART AKA WS PACKAGING GROUP INC       | WILTON       | 33                         |
| 30    | NHD037706082 | TELEFLEX MEDICAL INC                       | JAFFREY      | 32                         |
| 31    | NHD001078062 | TELEDYNE PRINTED CIRCUIT TECHNOLOGIES      | HUDSON       | 30                         |
| 32    | NHD101403509 | NASHUA CIRCUITS INC                        | NASHUA       | 30                         |
| 33    | NHD500021738 | PRESSTEK INC                               | HUDSON       | 30                         |
| 34    | NHD001079219 | BAE SYSTEMS INFO & ELECTRONIC SYS INTERGRA | NASHUA       | 30                         |
| 35    | NHD001086321 | NEW HAMPSHIRE BALL BEARINGS INC            | PETERBOROUGH | 28                         |
| 36    | NHD041027822 | DARTMOUTH COLLEGE                          | HANOVER      | 28                         |
| 37    | NHD001082908 | TIMKEN SUPER PRECISION MPB                 | KEENE        | 25                         |
| 38    | NHD510204829 | NH DOT PROJECT DEVELOPMENT                 | PORTSMOUTH   | 25                         |
| 39    | NHD980917660 | HITCHINER MANUFACTURING CO INC             | LITTLETON    | 24                         |
| 40    | NHD986472322 | SIG SAUER INC                              | EXETER       | 23                         |
| 41    | NHD510203276 | UNIVERSITY OF NEW HAMPSHIRE                | ROCHESTER    | 23                         |
| 42    | NHD986472439 | MARY HITCHCOCK MEMORIAL HOSP               | LEBANON      | 22                         |
| 43    | NHD000790923 | UNIVERSITY OF NEW HAMPSHIRE                | DURHAM       | 22                         |
| 44    | NHD018955641 | HARDING METALS                             | NORTHWOOD    | 21                         |
| 45    | NHD040244428 | ELECTROPAC CO INC                          | MANCHESTER   | 21                         |
| 46    | NHD986472728 | BOSTON ANALYTICAL INC                      | SALEM        | 21                         |
| 47    | NHD510168834 | ANAREN CERAMICS                            | SALEM        | 20                         |
| 48    | NHD001086198 | KALWALL CORP PANEL & ACCESSORIES DIV       | MANCHESTER   | 20                         |
| 49    | NHD510205875 | NH DOT PROJECT DEVELOPMENT PROJ 14461      | LEE          | 20                         |
| 50    | NHD986469609 | NH ARMY NATIONAL GUARD                     | CONCORD      | 19                         |
| Total |              |  |              | 3,287                      |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**NEW HAMPSHIRE**

**2011 WASTE RECEIPTS**

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the State of New Hampshire that reported receiving RCRA hazardous waste in 2011.

**NEW HAMPSHIRE**

**2011 WASTE RECEIPTS, CONTINUED**

Tables 21, 22, and 23 have been omitted from this report because there were no facilities in the State of New Hampshire that reported receiving RCRA hazardous waste in 2011.

**NEW HAMPSHIRE**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 3,946 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 0 Tons

**26 New Hampshire Interstate Shipment / Receipts (As reported by New Hampshire):**

The State to which New Hampshire shipped the largest quantity of waste was New York (1,042 tons).

No States shipped waste to New Hampshire.

## NEW JERSEY

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 675

2 Quantity of RCRA Hazardous Waste Generated: 290,456 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City            | Total Generated<br>(Tons) |
|--------------|--------------|--|-----------------|---------------------------|
| 1            | NJD002454544 | VEOLIA ES TECHNICAL SOLUTIONS LLC            | MIDDLESEX       | 52,680                    |
| 2            | NJD986609311 | SITE 114 - 880-900 GARFIELD AVE              | JERSEY CITY     | 49,153                    |
| 3            | NJD002385730 | DUPONT CHAMBERS WORKS                        | DEEPWATER       | 35,438                    |
| 4            | NJD002182897 | SAFETY-KLEEN SYSTEMS INC                     | LINDEN          | 13,735                    |
| 5            | NJD986574093 | BALDWIN STEEL / CO NJDEP SITE                | JERSEY CITY     | 11,434                    |
| 6            | NJ4690308933 | US COAST GUARD TRAINING CENTER               | CAPE MAY        | 9,286                     |
| 7            | NJR000075952 | BLOCK 84.04 LOT 1                            | CLIFTON         | 9,189                     |
| 8            | NJD986645984 | CONOCOPHILLIPS CO - BAYWAY REFINERY          | LINDEN          | 6,692                     |
| 9            | NJD064286859 | ASCO POWER TECHNOLOGY                        | PARSIPPANY      | 6,687                     |
| 10           | NJD000768028 | PSE&G HARRISON FACILITY                      | HARRISON        | 5,538                     |
| 11           | NJD980755367 | JOHNSON MATTHEY INC                          | WEST DEPTFORD   | 5,402                     |
| 12           | NJD986620995 | WELSBACH GENERAL GAS MANTLE SUPERFUND SIT    | GLOUCESTER CITY | 4,089                     |
| 13           | NJD078873270 | GERDAU AMERISTEEL                            | SAYREVILLE      | 4,063                     |
| 14           | NJR986624039 | JERSEY CITY MUNICIPAL UTILITIES AUTHORITY    | JERSEY CITY     | 3,850                     |
| 15           | NJD162357305 | ENGLERT INC                                  | PERTH AMBOY     | 3,696                     |
| 16           | NJD002184448 | RHODIA INC                                   | NEW BRUNSWICK   | 3,143                     |
| 17           | NJD045445483 | HESS PORT READING REFINERY                   | PORT READING    | 2,940                     |
| 18           | NJD064344575 | SIEGFRIED (USA) INC                          | PENNSVILLE      | 2,842                     |
| 19           | NJD980753875 | SOLVAY SOLEXIS INC                           | THOROFARE       | 2,480                     |
| 20           | NJD981080401 | CHEM FLEUR/FIRMENICH INC                     | NEWARK          | 2,441                     |
| 21           | NJR000020495 | GENZYME BIOSURGERY                           | RIDGEFIELD      | 2,042                     |
| 22           | NJD030239412 | LITTON SYSTEMS INC AIRTRON DIVISION          | MORRIS PLAINS   | 1,986                     |
| 23           | NJD986607661 | TIERRA SOLUTIONS INC (KUEHNE CHEMICAL)       | KEARNY          | 1,983                     |
| 24           | NJR000061853 | GRACE DAVISON SPECIALTY CATALYSTS            | EDISON          | 1,593                     |
| 25           | NJD986644656 | QUALITY SERVICES INC                         | BRIDGEPORT      | 1,490                     |
| 26           | NJR000035865 | FERRO CORPORATION                            | BRIDGEPORT      | 1,482                     |
| 27           | NJD002342426 | PAULSBORO REFINING COMPANY LLC               | PAULSBORO       | 1,387                     |
| 28           | NJD001317064 | MERCK SHARP & DOHME CORP                     | RAHWAY          | 1,381                     |
| 29           | NJR000026690 | INFINEUM USA LP BAYWAY CHEMICAL PLANT        | LINDEN          | 1,337                     |
| 30           | NJD003951985 | GRIFFIN PIPE PRODUCTS CO                     | FLORENCE        | 1,317                     |
| 31           | NJD986569770 | HESS FORMER CORRUGATED CARDBOARD PROPEF      | BAYONNE         | 1,109                     |
| 32           | NJD002011294 | STEPAN COMPANY                               | MAYWOOD         | 1,092                     |
| 33           | NJD986631257 | CLIFTON BUSINESS CENTER                      | CLIFTON         | 1,051                     |
| 34           | NJD002444024 | EI DUPONT DE NEMOURS & COMPANY               | PARLIN          | 1,017                     |
| 35           | NJD990753162 | SUNOCO INC (R&M) EAGLE POINT FACILITY        | WESTVILLE       | 933                       |
| 36           | NJD061843249 | NATIONAL SMELTING OF NEW JERSEY              | PEDRICKTOWN     | 932                       |
| 37           | NJD079114054 | ATLANTIC STATES CAST IRON PIPE COMPANY       | PHILLIPSBURG    | 772                       |
| 38           | NJD048809487 | IMTT-BAYONNE                                 | BAYONNE         | 747                       |
| 39           | NJD002329621 | ARMOTEK INDUSTRIES INC                       | PALMYRA         | 733                       |
| 40           | NJR000064535 | FORMER HUFFMAN KOOS INC                      | RIVER EDGE      | 725                       |
| 41           | NJD011550092 | E.R. SQUIBB & SONS INC                       | NEW BRUNSWICK   | 725                       |
| 42           | NJR000076547 | AVALON NORTH BERGEN LLC                      | NORTH BERGEN    | 649                       |
| 43           | NJD092870963 | AMERICAN GALVANIZING COMPANY                 | FOLSOM          | 625                       |
| 44           | NJ0000903146 | KEYSTONE INDUSTRIES                          | CHERRY HILL     | 614                       |
| 45           | NJR000025569 | V&S AMBOY GALVANIZING LLC                    | PERTH AMBOY     | 601                       |
| 46           | NJD982794364 | FIABILA USA                                  | MINE HILL       | 587                       |
| 47           | NJD002460855 | MADISON INDUSTRIES INC                       | OLD BRIDGE      | 547                       |
| 48           | NJR986623783 | UPLAND PROCESSING FACILITY CONSTRUCTION (CEI | NEWARK          | 502                       |
| 49           | NJR986625853 | NEW YORK AVE FORCE MAINS(BLOCK 580 LOT 1)    | ATLANTIC CITY   | 501                       |
| 50           | NJD001213487 | AVANTOR PERFORMANCE MATERIALS INC            | PHILLIPSBURG    | 474                       |
| <b>Total</b> |              |  |                 | <b>265,710</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## NEW JERSEY

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 5,384                   | ONLY AN F CODE                | 8,641                   |  |                         |
| ONLY CORROSIVE                        | 5,934                   | ONLY A K CODE                 | 12,654                  |  |                         |
| ONLY REACTIVE                         | 76                      | ONLY A P CODE                 | 11                      |  |                         |
| ONLY D004-17                          | 113,261                 | ONLY A U CODE                 | 1,272                   |  |                         |
| ONLY D018-43                          | 5,744                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 14,311                  | HAS MORE THAN ONE LISTED CODE | 29,689                  |  |                         |
| <b>TOTAL</b>                          | <b>144,711</b>          | <b>TOTAL</b>                  | <b>52,267</b>           | <b>Both Characteristic and Listed</b>          | <b>93,387</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 7,295                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 89,131                  |
| HAS CORROSIVE CODE  | 9,800                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 44,446                  |
| HAS REACTIVE CODE   | 2,197                   |   |                         | REACT. W/ AT LEAST 1 LSTD            | 2,696                   |
| HAS D004-D017 CODE  | 8,990                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 50,040                  |
| HAS D018-D043 CODE  | 7,108                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 74,783                  |
|   |                         | HAS AN F CODE                           | 29,677                  | F WASTE W/ AT LEAST 1 CHAR           | 91,037                  |
|   |                         | HAS A K CODE                            | 29,666                  | K WASTE W/ AT LEAST 1 CHAR           | 14,822                  |
|   |                         | HAS A P CODE                            | 12                      | P WASTE W/ AT LEAST 1 CHAR           | 232                     |
|   |                         | HAS A U CODE                            | 29,689                  | U WASTE W/ AT LEAST 1 CHAR           | 44,028                  |
| <b>TOTAL</b>  | <b>14,311</b>           | <b>TOTAL</b>                            | <b>29,689</b>           | <b>TOTAL</b>                         | <b>93,387</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, F005, D008, D035, D007, D018, F002, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description                                       | Tons Generated |
|--------------|-------|---|----------------|
| 1            | 5622  | WASTE TREATMENT AND DISPOSAL                      | 117,057        |
| 2            | 3251  | BASIC CHEMICAL MANUFACTURING                      | 49,549         |
| 3            | 5629  | REMEDIATION AND OTHER WASTE MANAGEMENT SERVICES   | 19,470         |
| 4            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING         | 14,402         |
| 5            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING         | 12,236         |
| 6            | 4889  | OTHER SUPPORT ACTIVITIES FOR TRANSPORTATION       | 9,859          |
| 7            | 9261  | ADMINISTRATION OF ECONOMIC PROGRAM                | 9,286          |
| 8            | 3353  | ELECTRICAL EQUIPMENT MANUFACTURING                | 7,346          |
| 9            | 4862  | PIPELINE TRANSPORTATION OF NATURAL GAS            | 5,638          |
| 10           | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING | 4,083          |
| <b>Total</b> |       |   | <b>248,925</b> |

## NEW JERSEY

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 61

9 Quantity of RCRA Hazardous Waste Managed: 328,421 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                         | City              | Tons of Waste Managed |
|--------------|--------------|-----------------------------------|-------------------|-----------------------|
| 1            | NJD002385730 | DUPONT CHAMBERS WORKS             | DEEPWATER         | 91,696                |
| 2            | NJD991291105 | CLEAN EARTH OF NORTH JERSEY       | SOUTH KEARNY      | 81,575                |
| 3            | NJD001317601 | SCHERING CORPORATION - UNION NJ   | UNION             | 51,764                |
| 4            | NJD002454544 | VEOLIA ES TECHNICAL SOLUTIONS LLC | MIDDLESEX         | 46,937                |
| 5            | NJD002182897 | SAFETY-KLEEN SYSTEMS INC          | LINDEN            | 35,093                |
| 6            | NJ4690308933 | US COAST GUARD TRAINING CENTER    | CAPE MAY          | 9,263                 |
| 7            | NJD002200046 | CYCLECHEM INC                     | ELIZABETHPORT     | 5,210                 |
| 8            | NJD162357305 | ENGLERT INC                       | PERTH AMBOY       | 3,669                 |
| 9            | NJD980753875 | SOLVAY SOLEXIS INC                | THOROFARE         | 1,623                 |
| 10           | NJD002460855 | MADISON INDUSTRIES INC            | OLD BRIDGE        | 547                   |
| 11           | NJD980208946 | J JOSEPHSON INC                   | SOUTH HACKENSACK  | 433                   |
| 12           | NJD000768028 | PSE&G HARRISON FACILITY           | HARRISON          | 179                   |
| 13           | NJD980755367 | JOHNSON MATTHEY INC               | WEST DEPTFORD     | 73                    |
| 14           | NJD002180834 | KIRKER ENTERPRISES INC            | PATERSON          | 67                    |
| 15           | NJD064344575 | SIEGFRIED (USA) INC               | PENNSVILLE        | 38                    |
| 16           | NJD081893927 | NOVAMET SPECIALTY PRODUCTS CORP   | WYCKOFF           | 38                    |
| 17           | NJR000071159 | DCO ENERGY - BCMRF                | FLORENCE          | 30                    |
| 18           | NJD986582898 | SIEMENS WATER TECHNOLOGIES        | UNION             | 26                    |
| 19           | NJR000035162 | CONTEMPORARY GRAPHICS             | PENNSAUKEN        | 23                    |
| 20           | NJD064329436 | LPS INDUSTRIES LLC                | MOONACHIE         | 17                    |
| 21           | NJD002012995 | PAN TECHNOLOGY                    | CARLSTADT         | 15                    |
| 22           | NJD067503573 | ALZO INTERNATIONAL INC            | SAYREVILLE        | 12                    |
| 23           | NJD002184380 | AMERICAN SAFETY TECHNOLOGIES      | ROSELAND          | 11                    |
| 24           | NJ3210020704 | US ARMY PICATINNY ARSENAL         | PICATINNY ARSENAL | 9                     |
| 25           | NJD980533483 | PSE&G AUDUBON GAS DISTRICT        | AUDUBON           | 8                     |
| 26           | NJD043477207 | HAIR SYSTEMS INC                  | ENGLISHTOWN       | 8                     |
| 27           | NJR000055822 | TARGET STORE T1192                | MIDDLETOWN        | 6                     |
| 28           | NJR000055772 | TARGET STORE T1153                | BRICK             | 5                     |
| 29           | NJR000066977 | TARGET STORE T2247                | RIVERDALE         | 4                     |
| 30           | NJR000071555 | TARGET STORE T2392                | MANAHAWKIN        | 4                     |
| 31           | NJR000000752 | DATASCOPE CORP                    | MAHWAH            | 4                     |
| 32           | NJR000055764 | TARGET STORE T1152                | MILLTOWN          | 4                     |
| 33           | NJR000055954 | TARGET STORE T1823                | HOWELL            | 3                     |
| 34           | NJR000055814 | TARGET STORE T1184                | MANALAPAN         | 3                     |
| 35           | NJR000055962 | TARGET STORE T1864                | ROCKAWAY          | 2                     |
| 36           | NJR000055897 | TARGET STORE T1378                | OCEAN             | 2                     |
| 37           | NJD003926896 | TARGET STORE T1865                | NORTH BERGEN      | 2                     |
| 38           | NJR000055756 | TARGET STORE T1151                | PRINCETON         | 2                     |
| 39           | NJR000055947 | TARGET STORE T1822                | CLIFTON           | 2                     |
| 40           | NJR000055731 | TARGET STORE T1109                | MAYS LANDING      | 1                     |
| 41           | NJR000055863 | TARGET STORE T1330                | HACKENSACK        | 1                     |
| 42           | NJR000055707 | TARGET STORE T1055                | EDISON            | 1                     |
| 43           | NJR000066365 | TARGET STORE T2256                | MONMOUTH JUNCTION | 1                     |
| 44           | NJR000055830 | TARGET STORE T1224                | BRIDGEWATER       | 1                     |
| 45           | NJR000055871 | TARGET STORE T1345                | EAST WINDSOR      | 1                     |
| 46           | NJR000072231 | TARGET STORE T2384                | SEWELL            | 1                     |
| 47           | NJR000066134 | TARGET STORE T1929                | SOUTH PLAINFIELD  | 1                     |
| 48           | NJR000055780 | TARGET STORE T1154                | TOMS RIVER        | 1                     |
| 49           | NJR000073122 | TARGET STORE T2381                | PARAMUS           | 1                     |
| 50           | NJR000072249 | TARGET STORE T2446                | HACKETTSTOWN      | 1                     |
| <b>Total</b> |              |                                   |                   | <b>328,418</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## NEW JERSEY

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 3,689                      | 1.1                       | 2                       | 3.3                         |
| AQUEOUS ORGANIC TREATMENT    | 70,743                     | 21.5                      | 5                       | 8.2                         |
| ENERGY RECOVERY              | 4                          | 0.0                       | 1                       | 1.6                         |
| FUEL BLENDING                | 50,165                     | 15.3                      | 5                       | 8.2                         |
| INCINERATION                 | 1,633                      | 0.5                       | 4                       | 6.6                         |
| LANDFILL/SURFACE IMPOUNDMENT | 29,443                     | 9.0                       | 1                       | 1.6                         |
| METALS RECOVERY              | 77                         | 0.0                       | 2                       | 3.3                         |
| OTHER DISPOSAL               | 52                         | 0.0                       | 28                      | 45.9                        |
| OTHER RECOVERY               | 59                         | 0.0                       | 3                       | 4.9                         |
| OTHER TREATMENT              | 43,373                     | 13.2                      | 8                       | 13.1                        |
| SLUDGE TREATMENT             | 547                        | 0.2                       | 1                       | 1.6                         |
| SOLVENTS RECOVERY            | 35,766                     | 10.9                      | 10                      | 16.4                        |
| STABILIZATION                | 92,870                     | 28.3                      | 4                       | 6.6                         |
|                              | 328,421                    | 100.0                     | 61                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STABILIZATION                | 92,870                     | 28.3                      | 4                       | 6.6                         |
| AQUEOUS ORGANIC TREATMENT    | 70,743                     | 21.5                      | 5                       | 8.2                         |
| FUEL BLENDING                | 50,165                     | 15.3                      | 5                       | 8.2                         |
| OTHER TREATMENT              | 43,373                     | 13.2                      | 8                       | 13.1                        |
| SOLVENTS RECOVERY            | 35,766                     | 10.9                      | 10                      | 16.4                        |
| LANDFILL/SURFACE IMPOUNDMENT | 29,443                     | 9.0                       | 1                       | 1.6                         |
| AQUEOUS INORGANIC TREATMENT  | 3,689                      | 1.1                       | 2                       | 3.3                         |
| INCINERATION                 | 1,633                      | 0.5                       | 4                       | 6.6                         |
| SLUDGE TREATMENT             | 547                        | 0.2                       | 1                       | 1.6                         |
| METALS RECOVERY              | 77                         | 0.0                       | 2                       | 3.3                         |
| OTHER RECOVERY               | 59                         | 0.0                       | 3                       | 4.9                         |
| OTHER DISPOSAL               | 52                         | 0.0                       | 28                      | 45.9                        |
| ENERGY RECOVERY              | 4                          | 0.0                       | 1                       | 1.6                         |
|                              | 328,421                    | 100.0                     | 61                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL               | 52                         | 0.0                       | 28                      | 45.9                        |
| SOLVENTS RECOVERY            | 35,766                     | 10.9                      | 10                      | 16.4                        |
| OTHER TREATMENT              | 43,373                     | 13.2                      | 8                       | 13.1                        |
| AQUEOUS ORGANIC TREATMENT    | 70,743                     | 21.5                      | 5                       | 8.2                         |
| FUEL BLENDING                | 50,165                     | 15.3                      | 5                       | 8.2                         |
| STABILIZATION                | 92,870                     | 28.3                      | 4                       | 6.6                         |
| INCINERATION                 | 1,633                      | 0.5                       | 4                       | 6.6                         |
| OTHER RECOVERY               | 59                         | 0.0                       | 3                       | 4.9                         |
| AQUEOUS INORGANIC TREATMENT  | 3,689                      | 1.1                       | 2                       | 3.3                         |
| METALS RECOVERY              | 77                         | 0.0                       | 2                       | 3.3                         |
| ENERGY RECOVERY              | 4                          | 0.0                       | 1                       | 1.6                         |
| LANDFILL/SURFACE IMPOUNDMENT | 29,443                     | 9.0                       | 1                       | 1.6                         |
| SLUDGE TREATMENT             | 547                        | 0.2                       | 1                       | 1.6                         |
|                              | 328,421                    | 100.0                     | 61                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, F005, D035, D002, D039, D008, F002, D018, D007

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## NEW JERSEY

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 661

16 Quantity of RCRA Hazardous Waste Shipped: 328,224

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City            | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|-----------------|----------------------------|
| 1            | NJD092870963 | AMERICAN GALVANIZING COMPANY                | FOLSOM          | 64,737                     |
| 2            | NJD002454544 | VEOLIA ES TECHNICAL SOLUTIONS LLC           | MIDDLESEX       | 53,290                     |
| 3            | NJD986609311 | SITE 114 - 880-900 GARFIELD AVE             | JERSEY CITY     | 49,153                     |
| 4            | NJD986574093 | BALDWIN STEEL / CO NJDEP SITE               | JERSEY CITY     | 11,434                     |
| 5            | NJD002182897 | SAFETY-KLEEN SYSTEMS INC                    | LINDEN          | 10,789                     |
| 6            | NJ4690308933 | US COAST GUARD TRAINING CENTER              | CAPE MAY        | 9,286                      |
| 7            | NJR000075952 | BLOCK 84.04 LOT 1                           | CLIFTON         | 9,189                      |
| 8            | NJD986645984 | CONOCOPHILLIPS CO - BAYWAY REFINERY         | LINDEN          | 6,692                      |
| 9            | NJD064286859 | ASCO POWER TECHNOLOGY                       | PARSIPPANY      | 6,687                      |
| 10           | NJD002385730 | DUPONT CHAMBERS WORKS                       | DEEPWATER       | 5,993                      |
| 11           | NJD980536593 | VEOLIA ES TECHNICAL SOLUTIONS LLC           | FLANDERS        | 5,919                      |
| 12           | NJD980755367 | JOHNSON MATTHEY INC                         | WEST DEPTFORD   | 5,402                      |
| 13           | NJD000768028 | PSE&G HARRISON FACILITY                     | HARRISON        | 5,358                      |
| 14           | NJD986620995 | WELSBACH GENERAL GAS MANTLE SUPERFUND S     | GLOUCESTER CITY | 4,089                      |
| 15           | NJD078873270 | GERDAU AMERISTEEL                           | SAYREVILLE      | 4,070                      |
| 16           | NJR986624039 | JERSEY CITY MUNICIPAL UTILITIES AUTHORITY   | JERSEY CITY     | 3,850                      |
| 17           | NJD991291105 | CLEAN EARTH OF NORTH JERSEY                 | SOUTH KEARNY    | 3,718                      |
| 18           | NJD002200046 | CYCLECHEM INC                               | ELIZABETHPORT   | 3,595                      |
| 19           | NJD002184448 | RHODIA INC                                  | NEW BRUNSWICK   | 3,143                      |
| 20           | NJD045445483 | HESS PORT READING REFINERY                  | PORT READING    | 2,940                      |
| 21           | NJD064344575 | SIEGFRIED (USA) INC                         | PENNSVILLE      | 2,804                      |
| 22           | NJD981080401 | CHEM FLEUR/FIRMENICH INC                    | NEWARK          | 2,441                      |
| 23           | NJR000020495 | GENZYME BIOSURGERY                          | RIDGEFIELD      | 2,042                      |
| 24           | NJD030239412 | LITTON SYSTEMS INC AIRTRON DIVISION         | MORRIS PLAINS   | 1,986                      |
| 25           | NJD986607661 | TIERRA SOLUTIONS INC (KUEHNE CHEMICAL)      | KEARNY          | 1,983                      |
| 26           | NJR000061853 | GRACE DAVISON SPECIALTY CATALYSTS           | EDISON          | 1,593                      |
| 27           | NJD986644656 | QUALITY SERVICES INC                        | BRIDGEPORT      | 1,490                      |
| 28           | NJD001317064 | MERCK SHARP & DOHME CORP                    | RAHWAY          | 1,421                      |
| 29           | NJR000035865 | FERRO CORPORATION                           | BRIDGEPORT      | 1,393                      |
| 30           | NJD002342426 | PAULSBORO REFINING COMPANY LLC              | PAULSBORO       | 1,387                      |
| 31           | NJR000026690 | INFINEUM USA LP BAYWAY CHEMICAL PLANT       | LINDEN          | 1,337                      |
| 32           | NJD003951985 | GRIFFIN PIPE PRODUCTS CO                    | FLORENCE        | 1,317                      |
| 33           | NJD986569770 | HESS FORMER CORRUGATED CARDBOARD PROPE      | BAYONNE         | 1,109                      |
| 34           | NJD002011294 | STEPAN COMPANY                              | MAYWOOD         | 1,092                      |
| 35           | NJD002444024 | EI DUPONT DE NEMOURS & COMPANY              | PARLIN          | 1,017                      |
| 36           | NJD990753162 | SUNOCO INC (R&M) EAGLE POINT FACILITY       | WESTVILLE       | 933                        |
| 37           | NJD061843249 | NATIONAL SMELTING OF NEW JERSEY             | PEDRICKTOWN     | 932                        |
| 38           | NJD079114054 | ATLANTIC STATES CAST IRON PIPE COMPANY      | PHILLIPSBURG    | 772                        |
| 39           | NJD048809487 | IMTT-BAYONNE                                | BAYONNE         | 747                        |
| 40           | NJD002329621 | ARMOTEK INDUSTRIES INC                      | PALMYRA         | 733                        |
| 41           | NJD011550092 | E.R. SQUIBB & SONS INC                      | NEW BRUNSWICK   | 725                        |
| 42           | NJR000064535 | FORMER HUFFMAN KOOS INC                     | RIVER EDGE      | 725                        |
| 43           | NJD070565403 | 216 PATERSON PLANK ROAD SITE                | CARLSTADT       | 694                        |
| 44           | NJR000076547 | AVALON NORTH BERGEN LLC                     | NORTH BERGEN    | 649                        |
| 45           | NJ0000903146 | KEYSTONE INDUSTRIES                         | CHERRY HILL     | 614                        |
| 46           | NJR000025569 | V&S AMBOY GALVANIZING LLC                   | PERTH AMBOY     | 601                        |
| 47           | NJD001340686 | ELEMENTIS SPECIALTIES                       | JERSEY CITY     | 596                        |
| 48           | NJD982794364 | FIABILA USA                                 | MINE HILL       | 587                        |
| 49           | NJD002460855 | MADISON INDUSTRIES INC                      | OLD BRIDGE      | 547                        |
| 50           | NJR986623783 | UPLAND PROCESSING FACILITY CONSTRUCTION (CE | NEWARK          | 502                        |
| <b>Total</b> |              |   |                 | <b>304,102</b>             |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## NEW JERSEY

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 12

19 Quantity of RCRA Hazardous Waste Received: 242,396 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                          | City             | Quantity Received<br>(Tons) |
|--------------|--------------|------------------------------------|------------------|-----------------------------|
| 1            | NJD991291105 | CLEAN EARTH OF NORTH JERSEY        | SOUTH KEARNY     | 85,353                      |
| 2            | NJD002385730 | DUPONT CHAMBERS WORKS              | DEEPWATER        | 62,252                      |
| 3            | NJD002454544 | VEOLIA ES TECHNICAL SOLUTIONS LLC  | MIDDLESEX        | 47,095                      |
| 4            | NJD002182897 | SAFETY-KLEEN SYSTEMS INC           | LINDEN           | 36,368                      |
| 5            | NJD002200046 | CYCLECHEM INC                      | ELIZABETHPORT    | 5,887                       |
| 6            | NJD980536593 | VEOLIA ES TECHNICAL SOLUTIONS LLC  | FLANDERS         | 5,169                       |
| 7            | NJD000768101 | SAFETY-KLEEN SYSTEMS INC           | SOUTHAMPTON      | 148                         |
| 8            | NJD980755367 | JOHNSON MATTHEY INC                | WEST DEPTFORD    | 73                          |
| 9            | NJD982270506 | SAFETY-KLEEN SYSTEMS INC           | SOUTH PLAINFIELD | 38                          |
| 10           | NJR986623684 | MARGATE CITY SCHOOL DISTRICT       | MARGATE          | 7                           |
| 11           | NJR000000752 | DATASCOPE CORP                     | MAHWAH           | 4                           |
| 12           | NJD000582387 | RUTGERS UNIVERSITY - BUSCH/LIV/ESB | PISCATAWAY       | 3                           |
| <b>Total</b> |              |                                    |                  | <b>242,396</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## NEW JERSEY

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 21                         | 0.0                       | 1                       | 8.3                         |
| AQUEOUS ORGANIC TREATMENT   | 18,936                     | 7.8                       | 1                       | 8.3                         |
| ENERGY RECOVERY             | 4                          | 0.0                       | 1                       | 8.3                         |
| FUEL BLENDING               | 47,788                     | 19.7                      | 5                       | 41.7                        |
| INCINERATION                | 0                          | 0.0                       | 1                       | 8.3                         |
| METALS RECOVERY             | 77                         | 0.0                       | 2                       | 16.7                        |
| OTHER RECOVERY              | 21                         | 0.0                       | 1                       | 8.3                         |
| OTHER TREATMENT             | 43,316                     | 17.9                      | 3                       | 25.0                        |
| SOLVENTS RECOVERY           | 35,172                     | 14.5                      | 2                       | 16.7                        |
| STABILIZATION               | 81,950                     | 33.8                      | 2                       | 16.7                        |
| STORAGE AND/OR TRANSFER     | 15,111                     | 6.2                       | 9                       | 75.0                        |
|                             | 242,396                    | 100.0                     | 12                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STABILIZATION               | 81,950                     | 33.8                      | 2                       | 16.7                        |
| FUEL BLENDING               | 47,788                     | 19.7                      | 5                       | 41.7                        |
| OTHER TREATMENT             | 43,316                     | 17.9                      | 3                       | 25.0                        |
| SOLVENTS RECOVERY           | 35,172                     | 14.5                      | 2                       | 16.7                        |
| AQUEOUS ORGANIC TREATMENT   | 18,936                     | 7.8                       | 1                       | 8.3                         |
| STORAGE AND/OR TRANSFER     | 15,111                     | 6.2                       | 9                       | 75.0                        |
| METALS RECOVERY             | 77                         | 0.0                       | 2                       | 16.7                        |
| OTHER RECOVERY              | 21                         | 0.0                       | 1                       | 8.3                         |
| AQUEOUS INORGANIC TREATMENT | 21                         | 0.0                       | 1                       | 8.3                         |
| ENERGY RECOVERY             | 4                          | 0.0                       | 1                       | 8.3                         |
| INCINERATION                | 0                          | 0.0                       | 1                       | 8.3                         |
|                             | 242,396                    | 100.0                     | 12                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER     | 15,111                     | 6.2                       | 9                       | 75.0                        |
| FUEL BLENDING               | 47,788                     | 19.7                      | 5                       | 41.7                        |
| OTHER TREATMENT             | 43,316                     | 17.9                      | 3                       | 25.0                        |
| SOLVENTS RECOVERY           | 35,172                     | 14.5                      | 2                       | 16.7                        |
| STABILIZATION               | 81,950                     | 33.8                      | 2                       | 16.7                        |
| METALS RECOVERY             | 77                         | 0.0                       | 2                       | 16.7                        |
| ENERGY RECOVERY             | 4                          | 0.0                       | 1                       | 8.3                         |
| AQUEOUS INORGANIC TREATMENT | 21                         | 0.0                       | 1                       | 8.3                         |
| OTHER RECOVERY              | 21                         | 0.0                       | 1                       | 8.3                         |
| INCINERATION                | 0                          | 0.0                       | 1                       | 8.3                         |
| AQUEOUS ORGANIC TREATMENT   | 18,936                     | 7.8                       | 1                       | 8.3                         |
|                             | 242,396                    | 100.0                     | 12                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**NEW JERSEY**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 253,990 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 166,332 Tons

**26 New Jersey Interstate Shipment / Receipts (As reported by New Jersey):**

The State to which New Jersey shipped the largest quantity of waste was Pennsylvania (117,268 tons).

The State that shipped the largest quantity of waste to New Jersey was New York (56,434 tons).

## NEW MEXICO

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 45

2 Quantity of RCRA Hazardous Waste Generated: 1,042,387 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City                    | Total Generated<br>(Tons) |
|--------------|--------------|--|-------------------------|---------------------------|
| 1            | NMD048918817 | NAVAJO REFINING COMPANY LLC                | ARTESIA                 | 1,033,276                 |
| 2            | NMD052684578 | GE AVIATION ALBUQUERQUE                    | ALBUQUERQUE             | 3,654                     |
| 3            | NMD000609339 | INTEL CORPORATION                          | RIO RANCHO              | 3,600                     |
| 4            | NM8800019434 | NASA JOHNSON SPACE CENTER WHITE SANDS TES  | LAS CRUCES              | 561                       |
| 5            | NMD000333211 | WESTERN REFINING SOUTHWEST INC - GALLUP RE | JAMESTOWN               | 287                       |
| 6            | NMR000002816 | EMCORE CORPORTION                          | ALBUQUERQUE             | 169                       |
| 7            | NM0890010515 | LOS ALAMOS NATIONAL LABORATORY             | LOS ALAMOS              | 161                       |
| 8            | NMD980744551 | CTS ELECTRONIC COMPONENTS, INC.            | ALBUQUERQUE             | 86                        |
| 9            | NM5890110518 | SANDIA NATIONAL LABORATORY                 | ALBUQUERQUE             | 78                        |
| 10           | NM9570024423 | KIRTLAND AIR FORCE BASE                    | KIRTLAND AFB            | 67                        |
| 11           | NMD000804294 | SAFETY-KLEEN SYSTEMS, INC                  | ALBUQUERQUE             | 64                        |
| 12           | NMD069892594 | DEAN BALDWIN PAINTING, LP                  | ROSWELL                 | 62                        |
| 13           | NMR000016253 | L&M RADIATOR                               | LAS CRUCES              | 56                        |
| 14           | NM2750211235 | US ARMY, WHITE SANDS MISSILE RANGE         | WHITE SANDS MISSILE RAN | 36                        |
| 15           | NM6572124422 | HOLLOMAN AIR FORCE BASE                    | HOLLOMAN AIR FORCE BAS  | 29                        |
| 16           | NMD360010367 | NAVAJO LEA REFINING COMPANY, LLC           | LOVINGTON               | 23                        |
| 17           | NMR000012351 | TRICORE REFERENCE LABORATORIES             | ALBUQUERQUE             | 19                        |
| 18           | NMD980621197 | UNIVERSITY OF NEW MEXICO                   | ALBUQUERQUE             | 19                        |
| 19           | NMD075088252 | NEW MEXICO STATE UNIVERSITY                | LAS CRUCES              | 16                        |
| 20           | NMD980698849 | SAFETY-KLEEN SYSTEMS, INC                  | FARMINGTON              | 15                        |
| 21           | NM7572124454 | 27 SOW AFSOC USAF CANNON AFB NM            | CANNON AFB              | 14                        |
| 22           | NMD000610303 | HONEYWELL AEROSPACE - ALBUQUERQUE          | ALBUQUERQUE             | 13                        |
| 23           | NMR000009191 | CABOT SUPERIOR MICROPOWDERS                | ALBUQUERQUE             | 12                        |
| 24           | NMD986676922 | WT-1 COMPRESSOR STATION                    | NEAR CARLSBAD           | 11                        |
| 25           | NM4890139088 | USDOE WASTE ISOLATION PILOT PLANT          | CARLSBAD                | 11                        |
| 26           | NMR000017087 | UTE 1 SALT WATER DISPOSAL FACILITY         | LA PLATA                | 7                         |
| 27           | NMD045271053 | WESTERN REFINING COMPANY - ALBUQUERQUE PR  | ALBUQUERQUE             | 6                         |
| 28           | NMR000017426 | SUNLAND CONSTRUCTION INC                   | AZTEC                   | 6                         |
| 29           | NMD986676955 | ROSWELL COMPRESSOR STATION NO. 9           | ROSWELL                 | 5                         |
| 30           | NMD981149701 | FXI  | SANTA TERESA            | 5                         |
| 31           | NMD061268819 | THOMAS & BETTS                             | ALBUQUERQUE             | 3                         |
| 32           | NMR000002212 | TARGET STORE #T1034                        | SANTA FE                | 3                         |
| 33           | NMR000015792 | FEDEX FREIGHT, INC AQE                     | ALBUQUERQUE             | 2                         |
| 34           | NMR000008714 | BLOOMFIELD COMPRESSOR STATION              | BLOOMFIELD              | 2                         |
| 35           | NMR000010702 | TARGET STORE #T0356                        | ALBUQUERQUE             | 2                         |
| 36           | NMT000016964 | NEW MEXICO GAS COMPANY CUBA YARD           | CUBA                    | 2                         |
| 37           | NMR000010736 | TARGET STORE #T0769                        | LAS CRUCES              | 1                         |
| 38           | NMR000010710 | TARGET STORE #T0357                        | ALBUQUERQUE             | 1                         |
| 39           | NMR000010728 | TARGET STORE #T0625                        | ALBUQUERQUE             | 1                         |
| 40           | NMR000010769 | TARGET STORE #T1117                        | RIO RANCHO              | 1                         |
| 41           | NMR000010744 | TARGET STORE #T0832                        | ROSWELL                 | 1                         |
| 42           | NMR000010751 | TARGET STORE #T0952                        | FARMINGTON              | 1                         |
| 43           | NMR000010777 | TARGET STORE #T2031                        | ALBUQUERQUE             | 1                         |
| 44           | NMR000016279 | OMNICARE OF NEW MEXICO                     | ALBUQUERQUE             | 0                         |
| 45           | NMT360010342 | PERSON GENERATING STATION                  | ALBUQUERQUE             | 0                         |
| <b>Total</b> |              |  |                         | <b>1,042,387</b>          |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## NEW MEXICO

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 15                      | ONLY AN F CODE                | 920                     |  |                         |
| ONLY CORROSIVE                        | 29                      | ONLY A K CODE                 | 515                     |  |                         |
| ONLY REACTIVE                         | 217                     | ONLY A P CODE                 | 7                       |  |                         |
| ONLY D004-17                          | 4,037                   | ONLY A U CODE                 | 0                       |  |                         |
| ONLY D018-43                          | 1,032,302               |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 2,727                   | HAS MORE THAN ONE LISTED CODE | 243                     |  |                         |
| <b>TOTAL</b>                          | <b>1,039,328</b>        | <b>TOTAL</b>                  | <b>1,684</b>            | <b>Both Characteristic and Listed</b>          | <b>1,369</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 134                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 1,100                   |
| HAS CORROSIVE CODE  | 2,517                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 220                     |
| HAS REACTIVE CODE   | 13                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 13                      |
| HAS D004-D017 CODE  | 2,635                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 166                     |
| HAS D018-D043 CODE  | 198                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 135                     |
|   |                         | HAS AN F CODE                           | 188                     | F WASTE W/ AT LEAST 1 CHAR           | 1,343                   |
|   |                         | HAS A K CODE                            | 188                     | K WASTE W/ AT LEAST 1 CHAR           | 6                       |
|   |                         | HAS A P CODE                            | 55                      | P WASTE W/ AT LEAST 1 CHAR           | 11                      |
|   |                         | HAS A U CODE                            | 55                      | U WASTE W/ AT LEAST 1 CHAR           | 18                      |
| <b>TOTAL</b>  | <b>2,727</b>            | <b>TOTAL</b>                            | <b>243</b>              | <b>TOTAL</b>                         | <b>1,369</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D008, D007, D003, D011, D006, D005, F003, F005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated   |
|--------------|-------|--|------------------|
| 1            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                  | 1,033,585        |
| 2            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING | 3,854            |
| 3            | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                  | 3,654            |
| 4            | 9271  | SPACE RESEARCH AND TECHNOLOGY                              | 561              |
| 5            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                | 385              |
| 6            | 5621  | WASTE COLLECTION   | 79               |
| 7            | 4881  | SUPPORT ACTIVITIES FOR AIR TRANSPORTATION                  | 62               |
| 8            | 3363  | MOTOR VEHICLE PARTS MANUFACTURING                          | 56               |
| 9            | 6113  | COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS           | 35               |
| 10           | 6215  | MEDICAL AND DIAGNOSTIC LABORATORIES                        | 19               |
| <b>Total</b> |       |  | <b>1,042,289</b> |

## NEW MEXICO

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 13

9 Quantity of RCRA Hazardous Waste Managed: 1,036,926 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                 | City        | Tons of Waste Managed |
|--------------|--------------|---|-------------|-----------------------|
| 1            | NMD048918817 | NAVAJO REFINING COMPANY LLC               | ARTESIA     | 1,032,108             |
| 2            | NM4890139088 | USDOE WASTE ISOLATION PILOT PLANT         | CARLSBAD    | 4,039                 |
| 3            | NM8800019434 | NASA JOHNSON SPACE CENTER WHITE SANDS TE  | LAS CRUCES  | 497                   |
| 4            | NMD000333211 | WESTERN REFINING SOUTHWEST INC - GALLUP R | JAMESTOWN   | 188                   |
| 5            | NMD980744551 | CTS ELECTRONIC COMPONENTS, INC.           | ALBUQUERQUE | 52                    |
| 6            | NM5890110518 | SANDIA NATIONAL LABORATORY                | ALBUQUERQUE | 23                    |
| 7            | NM0890010515 | LOS ALAMOS NATIONAL LABORATORY            | LOS ALAMOS  | 9                     |
| 8            | NMD980621197 | UNIVERSITY OF NEW MEXICO                  | ALBUQUERQUE | 8                     |
| 9            | NMR000002212 | TARGET STORE #T1034                       | SANTA FE    | 1                     |
| 10           | NMR000010702 | TARGET STORE #T0356                       | ALBUQUERQUE | 1                     |
| 11           | NMR000010736 | TARGET STORE #T0769                       | LAS CRUCES  | 0                     |
| 12           | NMR000010710 | TARGET STORE #T0357                       | ALBUQUERQUE | 0                     |
| 13           | NMR000016253 | L&M RADIATOR                              | LAS CRUCES  | 0                     |
| <b>Total</b> |              |   |             | <b>1,036,926</b>      |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## NEW MEXICO

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT    | 1,032,108                  | 99.5                      | 1                       | 7.7                         |
| FUEL BLENDING                | 20                         | 0.0                       | 1                       | 7.7                         |
| INCINERATION                 | 0                          | 0.0                       | 1                       | 7.7                         |
| LANDFILL/SURFACE IMPOUNDMENT | 4,039                      | 0.4                       | 1                       | 7.7                         |
| METALS RECOVERY              | 8                          | 0.0                       | 1                       | 7.7                         |
| OTHER DISPOSAL               | 21                         | 0.0                       | 5                       | 38.5                        |
| OTHER RECOVERY               | 168                        | 0.0                       | 1                       | 7.7                         |
| OTHER TREATMENT              | 499                        | 0.0                       | 4                       | 30.8                        |
| STABILIZATION                | 64                         | 0.0                       | 3                       | 23.1                        |
|                              | 1,036,926                  | 100.0                     | 13                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT    | 1,032,108                  | 99.5                      | 1                       | 7.7                         |
| LANDFILL/SURFACE IMPOUNDMENT | 4,039                      | 0.4                       | 1                       | 7.7                         |
| OTHER TREATMENT              | 499                        | 0.0                       | 4                       | 30.8                        |
| OTHER RECOVERY               | 168                        | 0.0                       | 1                       | 7.7                         |
| STABILIZATION                | 64                         | 0.0                       | 3                       | 23.1                        |
| OTHER DISPOSAL               | 21                         | 0.0                       | 5                       | 38.5                        |
| FUEL BLENDING                | 20                         | 0.0                       | 1                       | 7.7                         |
| METALS RECOVERY              | 8                          | 0.0                       | 1                       | 7.7                         |
| INCINERATION                 | 0                          | 0.0                       | 1                       | 7.7                         |
|                              | 1,036,926                  | 100.0                     | 13                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL               | 21                         | 0.0                       | 5                       | 38.5                        |
| OTHER TREATMENT              | 499                        | 0.0                       | 4                       | 30.8                        |
| STABILIZATION                | 64                         | 0.0                       | 3                       | 23.1                        |
| METALS RECOVERY              | 8                          | 0.0                       | 1                       | 7.7                         |
| FUEL BLENDING                | 20                         | 0.0                       | 1                       | 7.7                         |
| OTHER RECOVERY               | 168                        | 0.0                       | 1                       | 7.7                         |
| INCINERATION                 | 0                          | 0.0                       | 1                       | 7.7                         |
| LANDFILL/SURFACE IMPOUNDMENT | 4,039                      | 0.4                       | 1                       | 7.7                         |
| AQUEOUS ORGANIC TREATMENT    | 1,032,108                  | 99.5                      | 1                       | 7.7                         |
|                              | 1,036,926                  | 100.0                     | 13                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D008, D006, D007, D011, D009, F002, F005, D005, D004, D022

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## NEW MEXICO

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 44

16 Quantity of RCRA Hazardous Waste Shipped: 10,387

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank | EPA ID       | Site Name                                  | City                     | Quantity Shipped<br>(Tons) |
|------|--------------|--|--------------------------|----------------------------|
| 1    | NMD052684578 | GE AVIATION ALBUQUERQUE                    | ALBUQUERQUE              | 3,654                      |
| 2    | NMD000609339 | INTEL CORPORATION                          | RIO RANCHO               | 3,600                      |
| 3    | NMD048918817 | NAVAJO REFINING COMPANY LLC                | ARTESIA                  | 1,168                      |
| 4    | NMD002208627 | ADVANCED CHEMICAL TREATMENT, INC.          | ALBUQUERQUE              | 512                        |
| 5    | NMD000333211 | WESTERN REFINING SOUTHWEST INC - GALLUP RE | JAMESTOWN                | 287                        |
| 6    | NM0890010515 | LOS ALAMOS NATIONAL LABORATORY             | LOS ALAMOS               | 264                        |
| 7    | NMR000002816 | EMCORE CORPORTION                          | ALBUQUERQUE              | 169                        |
| 8    | NMD000804294 | SAFETY-KLEEN SYSTEMS, INC                  | ALBUQUERQUE              | 93                         |
| 9    | NM5890110518 | SANDIA NATIONAL LABORATORY                 | ALBUQUERQUE              | 71                         |
| 10   | NMD980698849 | SAFETY-KLEEN SYSTEMS, INC                  | FARMINGTON               | 68                         |
| 11   | NM9570024423 | KIRTLAND AIR FORCE BASE                    | KIRTLAND AFB             | 65                         |
| 12   | NM8800019434 | NASA JOHNSON SPACE CENTER WHITE SANDS TE   | LAS CRUCES               | 64                         |
| 13   | NMD069892594 | DEAN BALDWIN PAINTING, LP                  | ROSWELL                  | 62                         |
| 14   | NMR000016253 | L&M RADIATOR                               | LAS CRUCES               | 56                         |
| 15   | NMD980744551 | CTS ELECTRONIC COMPONENTS, INC.            | ALBUQUERQUE              | 34                         |
| 16   | NM2750211235 | US ARMY, WHITE SANDS MISSILE RANGE         | WHITE SANDS MISSILE RANG | 30                         |
| 17   | NM6572124422 | HOLLOMAN AIR FORCE BASE                    | HOLLOMAN AIR FORCE BASE  | 27                         |
| 18   | NMD360010367 | NAVAJO LEA REFINING COMPANY, LLC           | LOVINGTON                | 23                         |
| 19   | NMR000012351 | TRICORE REFERENCE LABORATORIES             | ALBUQUERQUE              | 19                         |
| 20   | NMD075088252 | NEW MEXICO STATE UNIVERSITY                | LAS CRUCES               | 16                         |
| 21   | NM7572124454 | 27 SOW AFSOC USAF CANNON AFB NM            | CANNON AFB               | 14                         |
| 22   | NMD000610303 | HONEYWELL AEROSPACE - ALBUQUERQUE          | ALBUQUERQUE              | 13                         |
| 23   | NMD980621197 | UNIVERSITY OF NEW MEXICO                   | ALBUQUERQUE              | 11                         |
| 24   | NMD986676922 | WT-1 COMPRESSOR STATION                    | NEAR CARLSBAD            | 11                         |
| 25   | NMR000009191 | CABOT SUPERIOR MICROPOWDERS                | ALBUQUERQUE              | 11                         |
| 26   | NM4890139088 | USDOE WASTE ISOLATION PILOT PLANT          | CARLSBAD                 | 11                         |
| 27   | NMD045271053 | WESTERN REFINING COMPANY - ALBUQUERQUE P   | ALBUQUERQUE              | 6                          |
| 28   | NMD986676955 | ROSWELL COMPRESSOR STATION NO. 9           | ROSWELL                  | 5                          |
| 29   | NMD981149701 | FXI  | SANTA TERESA             | 5                          |
| 30   | NMD061268819 | THOMAS & BETTS                             | ALBUQUERQUE              | 3                          |
| 31   | NMR000015792 | FEDEX FREIGHT, INC AQE                     | ALBUQUERQUE              | 2                          |
| 32   | NMR000008714 | BLOOMFIELD COMPRESSOR STATION              | BLOOMFIELD               | 2                          |
| 33   | NMR000002212 | TARGET STORE #T1034                        | SANTA FE                 | 2                          |
| 34   | NMT000016964 | NEW MEXICO GAS COMPANY CUBA YARD           | CUBA                     | 2                          |
| 35   | NMR000010702 | TARGET STORE #T0356                        | ALBUQUERQUE              | 1                          |
| 36   | NMR000010728 | TARGET STORE #T0625                        | ALBUQUERQUE              | 1                          |
| 37   | NMR000010710 | TARGET STORE #T0357                        | ALBUQUERQUE              | 1                          |
| 38   | NMR000010736 | TARGET STORE #T0769                        | LAS CRUCES               | 1                          |
| 39   | NMR000010769 | TARGET STORE #T1117                        | RIO RANCHO               | 1                          |
| 40   | NMR000010744 | TARGET STORE #T0832                        | ROSWELL                  | 1                          |
| 41   | NMR000010751 | TARGET STORE #T0952                        | FARMINGTON               | 1                          |
| 42   | NMR000010777 | TARGET STORE #T2031                        | ALBUQUERQUE              | 1                          |
| 43   | NMR000016279 | OMNICARE OF NEW MEXICO                     | ALBUQUERQUE              | 0                          |
| 44   | NMT360010342 | PERSON GENERATING STATION                  | ALBUQUERQUE              | 0                          |

Total

10,387

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**NEW MEXICO**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 6

**19** Quantity of RCRA Hazardous Waste Received: 4,738 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City        | Quantity Received<br>(Tons) |
|--------------|--------------|--|-------------|-----------------------------|
| 1            | NM4890139088 | USDOE WASTE ISOLATION PILOT PLANT            | CARLSBAD    | 4,039                       |
| 2            | NMD002208627 | ADVANCED CHEMICAL TREATMENT, INC.            | ALBUQUERQUE | 407                         |
| 3            | NMD000333211 | WESTERN REFINING SOUTHWEST INC - GALLUP REFI | JAMESTOWN   | 188                         |
| 4            | NMD980698849 | SAFETY-KLEEN SYSTEMS, INC                    | FARMINGTON  | 57                          |
| 5            | NMD000804294 | SAFETY-KLEEN SYSTEMS, INC                    | ALBUQUERQUE | 43                          |
| 6            | NM5890110518 | SANDIA NATIONAL LABORATORY                   | ALBUQUERQUE | 3                           |
| <b>Total</b> |              |  |             | <b>4,738</b>                |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## NEW MEXICO

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING                | 20                         | 0.4                       | 1                       | 16.7                        |
| LANDFILL/SURFACE IMPOUNDMENT | 4,039                      | 85.3                      | 1                       | 16.7                        |
| OTHER RECOVERY               | 168                        | 3.6                       | 1                       | 16.7                        |
| STORAGE AND/OR TRANSFER      | 510                        | 10.8                      | 4                       | 66.7                        |
|                              | 4,738                      | 100.0                     | 6                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 4,039                      | 85.3                      | 1                       | 16.7                        |
| STORAGE AND/OR TRANSFER      | 510                        | 10.8                      | 4                       | 66.7                        |
| OTHER RECOVERY               | 168                        | 3.6                       | 1                       | 16.7                        |
| FUEL BLENDING                | 20                         | 0.4                       | 1                       | 16.7                        |
|                              | 4,738                      | 100.0                     | 6                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 510                        | 10.8                      | 4                       | 66.7                        |
| FUEL BLENDING                | 20                         | 0.4                       | 1                       | 16.7                        |
| LANDFILL/SURFACE IMPOUNDMENT | 4,039                      | 85.3                      | 1                       | 16.7                        |
| OTHER RECOVERY               | 168                        | 3.6                       | 1                       | 16.7                        |
|                              | 4,738                      | 100.0                     | 6                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**NEW MEXICO**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 10,050 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 4,083 Tons

**26 New Mexico Interstate Shipment / Receipts (As reported by New Mexico):**

The State to which New Mexico shipped the largest quantity of waste was Colorado (7,174 tons).

The State that shipped the largest quantity of waste to New Mexico was Idaho (3,108 tons).

## NEW YORK

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 1,471

2 Quantity of RCRA Hazardous Waste Generated: 186,483 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City               | Total Generated<br>(Tons) |
|--------------|--------------|---|--------------------|---------------------------|
| 1            | NYD071479059 | ERIE COUNTY MEDICAL CENTER                  | BUFFALO            | 15,010                    |
| 2            | NYD002080034 | M P M SILICONES LLC                         | WATERFORD          | 14,512                    |
| 3            | NYD054989421 | NYS DEC - BB&S TREATED LUMBER               | SPEONK             | 12,131                    |
| 4            | NYR000177071 | NYCDPR PAERDEGAT BASIN NATURAL AREA PARK /  | BROOKLYN           | 11,649                    |
| 5            | NYD980592497 | EASTMAN KODAK COMPANY                       | ROCHESTER          | 11,284                    |
| 6            | NYR000179671 | WEST 39TH STREET LLC                        | NEW YORK           | 10,213                    |
| 7            | NYD066785650 | NUCOR STEEL AUBURN INC                      | AUBURN             | 7,562                     |
| 8            | NYD002103216 | DUREZ CORP                                  | NIAGARA FALLS      | 6,429                     |
| 9            | NYD030485288 | REVERE SMELTING & REFINING CORPORATION      | MIDDLETOWN         | 6,131                     |
| 10           | NYR000183178 | GOTHAM WEST                                 | NEW YORK           | 3,483                     |
| 11           | NYR000182394 | PUBLIC SCHOOL 51M                           | NEW YORK           | 3,391                     |
| 12           | NYD002245967 | REYNOLDS METAL CO                           | MASSENA            | 2,782                     |
| 13           | NYD002070118 | SI GROUP                                    | ROTTERDAM JUNCTION | 2,638                     |
| 14           | NYD002245223 | HITCHCOCK R N & CO                          | PORT BYRON         | 2,485                     |
| 15           | NYD083626077 | AMRI RENSSELAER INC                         | RENSSELAER         | 2,483                     |
| 16           | NYD000512335 | NYSDEC DEWEY LOEFFEL                        | NASSAU             | 2,222                     |
| 17           | NY0000879650 | LIBERTY INDUSTRIAL FINISHING SUPERFUND SITE | SOUTH FARMINGDALE  | 2,011                     |
| 18           | NYR000173948 | BARCLAYS CENTER AT ATLANTIC YARDS           | BROOKLYN           | 1,840                     |
| 19           | NYD002232304 | ALCOA INC MASSENA OPERATIONS                | MASSENA            | 1,788                     |
| 20           | NYR000180166 | INTERMEDIATE SCHOOL HS 404 Q NYCDOE         | QUEENS             | 1,650                     |
| 21           | NYR000183780 | BAIS RUCHEL HIGH SCHOOL INC                 | BROOKLYN           | 1,488                     |
| 22           | NYD001929611 | TITANX ENGINE COOLING INC                   | JAMESTOWN          | 1,429                     |
| 23           | NYD088413877 | TONAWANDA COKE CORPORATION                  | TONAWANDA          | 1,344                     |
| 24           | NYD980506810 | 102ND STREET OCCIDENTAL CHEMICAL CORPORATI  | NIAGARA FALLS      | 1,290                     |
| 25           | NYD000632083 | LUVATA BUFFALO                              | BUFFALO            | 1,230                     |
| 26           | NYR000179564 | AMTRAK HELLGATE                             | BRONX              | 1,203                     |
| 27           | NYD000707901 | I B M CORP EAST FISHKILL FACILITY           | HOPEWELL JUNCTION  | 1,135                     |
| 28           | NYD987036290 | CORNING INC - INTEGRATED DIE MANUFACTURING  | PAINTED POST       | 1,084                     |
| 29           | NYR000109298 | ENDICOTT INTERCONNECT TECHNOLOGIES INC      | ENDICOTT           | 1,074                     |
| 30           | NYR000088252 | NYCDOT - BROOKLYN BRIDGE                    | BROOKLYN           | 1,050                     |
| 31           | NYD003959251 | KEYMARK CORPROATION                         | FONDA              | 1,047                     |
| 32           | NYD066832023 | SABIC INNOVATIVE PLASTICS US LLC            | SELKIRK            | 1,047                     |
| 33           | NYD986981199 | KIANTONE PIPELINE CORPORATION               | WEST SENECA        | 911                       |
| 34           | NYR000128785 | NYSDEC-FORMER SPEED'S CLEANERS              | BRIGHTON           | 906                       |
| 35           | NYD001384072 | WILLIAMSBURG SQUARE LLC                     | BROOKLYN           | 790                       |
| 36           | NYD075243139 | NYSDOT ROBERT F KENNEDY BRIDGE COMPLEX DO   | NEW YORK           | 752                       |
| 37           | NYD002241982 | HADCO A WHOLLY OWNED SUBSIDIARY OF SANMIN,  | OWEGO              | 747                       |
| 38           | NYR000173732 | PUBLIC SCHOOL133K                           | BROOKLYN           | 746                       |
| 39           | NYD049836679 | CWM CHEMICAL SERVICES LLC                   | MODEL CITY         | 738                       |
| 40           | NYD002123503 | DUPONT NIAGARA                              | NIAGARA FALLS      | 725                       |
| 41           | NY0000804096 | BELDEN CONNECTIVITY SOLUTIONS               | HORSEHEADS         | 714                       |
| 42           | NYD002113975 | USEPA REGION II MARLETTE PLATING            | BUFFALO            | 710                       |
| 43           | NYD002244945 | HONEYWELL INTERNATIONAL INC                 | SOLVAY             | 708                       |
| 44           | NYR000183319 | RIVERWAY SENIORS HOUSING                    | BROOKLYN           | 628                       |
| 45           | NYD175773779 | VANDEMARK CHEMICAL INC                      | LOCKPORT           | 615                       |
| 46           | NYR000181362 | INTERMEDIATE SCHOOL 285X                    | BRONX              | 588                       |
| 47           | NYR000180448 | 29 FLATBUSH ASSN LLC                        | BROOKLYN           | 552                       |
| 48           | NYR000148874 | SCEPTER INC                                 | SENECA FALLS       | 547                       |
| 49           | NYD000632315 | HONEYWELL BUFFALO RESEARCH LABORATORY       | BUFFALO            | 538                       |
| 50           | NYR000035220 | LAWRENCE RIPAK CO INC                       | WEST BABYLON       | 523                       |
| <b>Total</b> |              |   |                    | <b>148,549</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## NEW YORK

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 3,599                   | ONLY AN F CODE                | 23,710                  |  |                         |
| ONLY CORROSIVE                        | 7,168                   | ONLY A K CODE                 | 14,419                  |  |                         |
| ONLY REACTIVE                         | 5,159                   | ONLY A P CODE                 | 159                     |  |                         |
| ONLY D004-17                          | 81,997                  | ONLY A U CODE                 | 186                     |  |                         |
| ONLY D018-43                          | 2,423                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 18,145                  | HAS MORE THAN ONE LISTED CODE | 60                      |  |                         |
| <b>TOTAL</b>                          | <b>118,491</b>          | <b>TOTAL</b>                  | <b>38,533</b>           | <b>Both Characteristic and Listed</b>          | <b>29,436</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 13,246                  |   |                         | IGN. W/ AT LEAST 1 LSTD              | 27,205                  |
| HAS CORROSIVE CODE  | 8,424                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 4,360                   |
| HAS REACTIVE CODE   | 1,709                   |   |                         | REACT. W/ AT LEAST 1 LSTD            | 409                     |
| HAS D004-D017 CODE  | 14,716                  |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 2,934                   |
| HAS D018-D043 CODE  | 11,423                  |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 13,483                  |
|   |                         | HAS AN F CODE                           | 20                      | F WASTE W/ AT LEAST 1 CHAR           | 28,907                  |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 125                     |
|   |                         | HAS A P CODE                            | 40                      | P WASTE W/ AT LEAST 1 CHAR           | 51                      |
|   |                         | HAS A U CODE                            | 59                      | U WASTE W/ AT LEAST 1 CHAR           | 4,427                   |
| <b>TOTAL</b>  | <b>18,145</b>           | <b>TOTAL</b>                            | <b>60</b>               | <b>TOTAL</b>                         | <b>29,436</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D008, D007, F003, D011, D009, F005, D006, D003

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 24,731         |
| 2            | 5629  | REMEDIATION AND OTHER WASTE MANAGEMENT SERVICES                          | 19,078         |
| 3            | 6215  | MEDICAL AND DIAGNOSTIC LABORATORIES                                      | 15,361         |
| 4            | 2361  | RESIDENTIAL BUILDING CONSTRUCTION  | 14,909         |
| 5            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                     | 12,313         |
| 6            | 2379  | OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION                           | 11,649         |
| 7            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 7,881          |
| 8            | 6111  | ELEMENTARY AND SECONDARY SCHOOLS   | 7,249          |
| 9            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 6,881          |
| 10           | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING             | 6,775          |
| <b>Total</b> |       |  | <b>126,827</b> |

## NEW YORK

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 61

9 Quantity of RCRA Hazardous Waste Managed: 103,886 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                                | City              | Tons of Waste Managed |
|-------|--------------|--|-------------------|-----------------------|
| 1     | NYD049836679 | CWM CHEMICAL SERVICES LLC                | MODEL CITY        | 42,950                |
| 2     | NYD080469935 | NORLITE CORPORATION                      | COHOES            | 22,954                |
| 3     | NYD002080034 | M P M SILICONES LLC                      | WATERFORD         | 12,619                |
| 4     | NYD980592497 | EASTMAN KODAK COMPANY                    | ROCHESTER         | 10,676                |
| 5     | NYD002103216 | DUREZ CORP                               | NIAGARA FALLS     | 5,876                 |
| 6     | NYD002113736 | TULIP CORPORATION                        | NIAGARA FALLS     | 2,443                 |
| 7     | NYD000767657 | LOVE CANAL OCCIDENTAL CHEMICAL CORPORATI | NIAGARA FALLS     | 1,290                 |
| 8     | NYD000632083 | LUVATA BUFFALO                           | BUFFALO           | 1,208                 |
| 9     | NYD986981199 | KIANTONE PIPELINE CORPORATION            | WEST SENECA       | 911                   |
| 10    | NYD002241982 | HADCO A WHOLLY OWNED SUBSIDIARY OF SANMI | OWEGO             | 705                   |
| 11    | NY0000804096 | BELDEN CONNECTIVITY SOLUTIONS            | HORSEHEADS        | 461                   |
| 12    | NYD982534190 | CELLO-PACK CORPORATION                   | BUFFALO           | 172                   |
| 13    | NYR000146712 | CARESTREAM HEALTH INC                    | ROCHESTER         | 150                   |
| 14    | NYD030485288 | REVERE SMELTING & REFINING CORPORATION   | MIDDLETOWN        | 147                   |
| 15    | NYD002011450 | THE EXCELSIOR PACKAGING GROUP            | YONKERS           | 146                   |
| 16    | NYD002100568 | FLEXO TRANSPARENT INC                    | BUFFALO           | 141                   |
| 17    | NYR000138727 | BEMIS COMPANY INC                        | EDGEWOOD          | 138                   |
| 18    | NYD980779540 | WEST VALLEY DEMONSTRATION PROJECT USDOE  | ASHFORD           | 80                    |
| 19    | NYD002229029 | SPEAR NY                                 | FULTON            | 59                    |
| 20    | NYD980790141 | ULTRA FLEX PACKAGING CORP                | BROOKLYN          | 59                    |
| 21    | NYD108618745 | IIMAK                                    | AMHERST           | 58                    |
| 22    | NYD002082519 | AMES GOLDSMITH CORP                      | SOUTH GLENS FALLS | 56                    |
| 23    | NYD046337549 | CHROMALLOY NEW YORK                      | ORANGEBURG        | 50                    |
| 24    | NYD030231153 | UNITED SILICONE INC                      | LANCASTER         | 50                    |
| 25    | NYD000705939 | CON EDISON - EASTVIEW SERVICE CENTER     | VALHALLA          | 46                    |
| 26    | NYD987015054 | POLY WORKS INC                           | NEW WINDSOR       | 44                    |
| 27    | NYD002238582 | ANOPLATE CORPORATION                     | SYRACUSE          | 42                    |
| 28    | NYD982721656 | GENERAL SUPER PLATING CO INC             | EAST SYRACUSE     | 37                    |
| 29    | NYD000818773 | POLY PAK INDUSTRIES                      | MELVILLE          | 30                    |
| 30    | NYD980784664 | ADCHEM CORPORATION                       | RIVERHEAD         | 28                    |
| 31    | NYD010022242 | ALADDIN PACKAGING LLC                    | HAUPPAUGE         | 26                    |
| 32    | NYR000033225 | CBL PATH INC                             | RYE BROOK         | 25                    |
| 33    | NYD002218436 | ARKEMA INC GENESEO NY FACILITY           | PIFFARD           | 22                    |
| 34    | NYD002214484 | MARKIN TUBING LP                         | WYOMING           | 21                    |
| 35    | NYD003959251 | KEYMARK CORPROATION                      | FONDA             | 21                    |
| 36    | NYD020662169 | ALBANY MEDICAL CENTER                    | ALBANY            | 20                    |
| 37    | NYD067919340 | SABIN METAL CORP                         | SCOTTSVILLE       | 19                    |
| 38    | NYD051583862 | NEWCHEM INC DBA NEWCUT F K A NEW CUT INC | NEWARK            | 13                    |
| 39    | NYD986937753 | SPECIALIZED PACKAGING RADISSON LLC       | BALDWINVILLE      | 12                    |
| 40    | NYD002228690 | STRATHMORE PRODUCTS INC                  | LIVERPOOL         | 11                    |
| 41    | NYD002114924 | HOPES WINDOWS INC                        | JAMESTOWN         | 9                     |
| 42    | NYD063638654 | FENNER PRECISION                         | BUFFALO           | 9                     |
| 43    | NYD000339176 | DUNMORE CORPORATION                      | BREWSTER          | 8                     |
| 44    | NYD001291921 | BARKER BROTHERS                          | RIDGEWOOD         | 8                     |
| 45    | NYD982736423 | NAP INDUSTRIES                           | BROOKLYN          | 7                     |
| 46    | NYD002123503 | DUPONT NIAGARA                           | NIAGARA FALLS     | 6                     |
| 47    | NYR000053041 | QUALICOAT INC                            | CHURCHVILLE       | 4                     |
| 48    | NYD058302266 | MT SINAI MEDICAL CENTER THE              | NEW YORK          | 3                     |
| 49    | NYD065939902 | MILL MAX MFG CORP                        | OYSTER BAY        | 3                     |
| 50    | NYD981131568 | ANAREN MICROWAVE INC                     | EAST SYRACUSE     | 3                     |
| Total |              |  |                   | 103,874               |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## NEW YORK

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 759                        | 0.7                       | 3                       | 4.9                         |
| AQUEOUS ORGANIC TREATMENT    | 484                        | 0.5                       | 1                       | 1.6                         |
| ENERGY RECOVERY              | 19,458                     | 18.7                      | 1                       | 1.6                         |
| INCINERATION                 | 23,337                     | 22.5                      | 4                       | 6.6                         |
| LANDFILL/SURFACE IMPOUNDMENT | 42,307                     | 40.7                      | 1                       | 1.6                         |
| METALS RECOVERY              | 367                        | 0.4                       | 5                       | 8.2                         |
| OTHER DISPOSAL               | 1,979                      | 1.9                       | 4                       | 6.6                         |
| OTHER RECOVERY               | 2,456                      | 2.4                       | 4                       | 6.6                         |
| OTHER TREATMENT              | 2,829                      | 2.7                       | 14                      | 23.0                        |
| SLUDGE TREATMENT             | 3                          | 0.0                       | 1                       | 1.6                         |
| SOLVENTS RECOVERY            | 9,907                      | 9.5                       | 31                      | 50.8                        |
|                              | 103,886                    | 100.0                     | 61                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 42,307                     | 40.7                      | 1                       | 1.6                         |
| INCINERATION                 | 23,337                     | 22.5                      | 4                       | 6.6                         |
| ENERGY RECOVERY              | 19,458                     | 18.7                      | 1                       | 1.6                         |
| SOLVENTS RECOVERY            | 9,907                      | 9.5                       | 31                      | 50.8                        |
| OTHER TREATMENT              | 2,829                      | 2.7                       | 14                      | 23.0                        |
| OTHER RECOVERY               | 2,456                      | 2.4                       | 4                       | 6.6                         |
| OTHER DISPOSAL               | 1,979                      | 1.9                       | 4                       | 6.6                         |
| AQUEOUS INORGANIC TREATMENT  | 759                        | 0.7                       | 3                       | 4.9                         |
| AQUEOUS ORGANIC TREATMENT    | 484                        | 0.5                       | 1                       | 1.6                         |
| METALS RECOVERY              | 367                        | 0.4                       | 5                       | 8.2                         |
| SLUDGE TREATMENT             | 3                          | 0.0                       | 1                       | 1.6                         |
|                              | 103,886                    | 100.0                     | 61                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY            | 9,907                      | 9.5                       | 31                      | 50.8                        |
| OTHER TREATMENT              | 2,829                      | 2.7                       | 14                      | 23.0                        |
| METALS RECOVERY              | 367                        | 0.4                       | 5                       | 8.2                         |
| INCINERATION                 | 23,337                     | 22.5                      | 4                       | 6.6                         |
| OTHER DISPOSAL               | 1,979                      | 1.9                       | 4                       | 6.6                         |
| OTHER RECOVERY               | 2,456                      | 2.4                       | 4                       | 6.6                         |
| AQUEOUS INORGANIC TREATMENT  | 759                        | 0.7                       | 3                       | 4.9                         |
| ENERGY RECOVERY              | 19,458                     | 18.7                      | 1                       | 1.6                         |
| AQUEOUS ORGANIC TREATMENT    | 484                        | 0.5                       | 1                       | 1.6                         |
| SLUDGE TREATMENT             | 3                          | 0.0                       | 1                       | 1.6                         |
| LANDFILL/SURFACE IMPOUNDMENT | 42,307                     | 40.7                      | 1                       | 1.6                         |
|                              | 103,886                    | 100.0                     | 61                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D008, D001, D018, D007, F003, D006, D002, F005, F002, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## NEW YORK

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 1,473

16 Quantity of RCRA Hazardous Waste Shipped: 165,811

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City               | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|--------------------|----------------------------|
| 1            | NYD071479059 | ERIE COUNTY MEDICAL CENTER                  | BUFFALO            | 15,010                     |
| 2            | NYD054989421 | NYS DEC - BB&S TREATED LUMBER               | SPEONK             | 12,131                     |
| 3            | NYR000177071 | NYCDPR PAERDEGAT BASIN NATURAL AREA PARK    | BROOKLYN           | 11,649                     |
| 4            | NYR000179671 | WEST 39TH STREET LLC                        | NEW YORK           | 10,213                     |
| 5            | NYD066785650 | NUCOR STEEL AUBURN INC                      | AUBURN             | 7,562                      |
| 6            | NYD030485288 | REVERE SMELTING & REFINING CORPORATION      | MIDDLETOWN         | 6,016                      |
| 7            | NYD049253719 | NEXEO SOLUTIONS LLC                         | BINGHAMTON         | 5,636                      |
| 8            | NYD980592497 | EASTMAN KODAK COMPANY                       | ROCHESTER          | 5,596                      |
| 9            | NYR000183178 | GOTHAM WEST                                 | NEW YORK           | 3,483                      |
| 10           | NYR000182394 | PUBLIC SCHOOL 51M                           | NEW YORK           | 3,391                      |
| 11           | NYD002245967 | REYNOLDS METAL CO                           | MASSENA            | 2,805                      |
| 12           | NYD002070118 | SI GROUP                                    | ROTTERDAM JUNCTION | 2,638                      |
| 13           | NYD002245223 | HITCHCOCK R N & CO                          | PORT BYRON         | 2,485                      |
| 14           | NYD083626077 | AMRI RENSSELAER INC                         | RENSSELAER         | 2,483                      |
| 15           | NYD000512335 | NYSDEC DEWEY LOEFFEL                        | NASSAU             | 2,222                      |
| 16           | NY0000879650 | LIBERTY INDUSTRIAL FINISHING SUPERFUND SITE | SOUTH FARMINGDALE  | 2,011                      |
| 17           | NYD002232304 | ALCOA INC MASSENA OPERATIONS                | MASSENA            | 1,846                      |
| 18           | NYR000173948 | BARCLAYS CENTER AT ATLANTIC YARDS           | BROOKLYN           | 1,840                      |
| 19           | NYD002080034 | M P M SILICONES LLC                         | WATERFORD          | 1,696                      |
| 20           | NYR000180166 | INTERMEDIATE SCHOOL HS 404 Q NYCDOE         | QUEENS             | 1,650                      |
| 21           | NYR000183780 | BAIS RUCHEL HIGH SCHOOL INC                 | BROOKLYN           | 1,488                      |
| 22           | NYD001929611 | TITANX ENGINE COOLING INC                   | JAMESTOWN          | 1,429                      |
| 23           | NYD088413877 | TONAWANDA COKE CORPORATION                  | TONAWANDA          | 1,344                      |
| 24           | NYD980506810 | 102ND STREET OCCIDENTAL CHEMICAL CORPORA    | NIAGARA FALLS      | 1,290                      |
| 25           | NYD082785429 | CHEMICAL POLLUTION CONTROL LLC              | BAY SHORE          | 1,284                      |
| 26           | NYR000179564 | AMTRAK HELLGATE                             | BRONX              | 1,203                      |
| 27           | NYD049836679 | CWM CHEMICAL SERVICES LLC                   | MODEL CITY         | 1,136                      |
| 28           | NYD000707901 | I B M CORP EAST FISHKILL FACILITY           | HOPEWELL JUNCTION  | 1,136                      |
| 29           | NYD987036290 | CORNING INC - INTEGRATED DIE MANUFACTURING  | PAINTED POST       | 1,084                      |
| 30           | NYR000109298 | ENDICOTT INTERCONNECT TECHNOLOGIES INC      | ENDICOTT           | 1,074                      |
| 31           | NYR000088252 | NYCDOT - BROOKLYN BRIDGE                    | BROOKLYN           | 1,050                      |
| 32           | NYD066832023 | SABIC INNOVATIVE PLASTICS US LLC            | SELKIRK            | 1,047                      |
| 33           | NYD003959251 | KEYMARK CORPROATION                         | FONDA              | 1,026                      |
| 34           | NYD986981199 | KIANTONE PIPELINE CORPORATION               | WEST SENECA        | 830                        |
| 35           | NYD001384072 | WILLIAMSBURG SQUARE LLC                     | BROOKLYN           | 790                        |
| 36           | NYD075243139 | NYS DOT ROBERT F KENNEDY BRIDGE COMPLEX D   | NEW YORK           | 752                        |
| 37           | NYR000173732 | PUBLIC SCHOOL133K                           | BROOKLYN           | 746                        |
| 38           | NYD002123503 | DUPONT NIAGARA                              | NIAGARA FALLS      | 719                        |
| 39           | NYD002113975 | USEPA REGION II MARLETTE PLATING            | BUFFALO            | 710                        |
| 40           | NYD002244945 | HONEYWELL INTERNATIONAL INC                 | SOLVAY             | 708                        |
| 41           | NYR000183319 | RIVERWAY SENIORS HOUSING                    | BROOKLYN           | 628                        |
| 42           | NYD175773779 | VANDEMARK CHEMICAL INC                      | LOCKPORT           | 615                        |
| 43           | NYR000181362 | INTERMEDIATE SCHOOL 285X                    | BRONX              | 588                        |
| 44           | NYR000180448 | 29 FLATBUSH ASSN LLC                        | BROOKLYN           | 552                        |
| 45           | NYD002103216 | DUREZ CORP                                  | NIAGARA FALLS      | 552                        |
| 46           | NYR000148874 | SCEPTER INC                                 | SENECA FALLS       | 547                        |
| 47           | NYD000632315 | HONEYWELL BUFFALO RESEARCH LABORATORY       | BUFFALO            | 538                        |
| 48           | NYR000035220 | LAWRENCE RIPAK CO INC                       | WEST BABYLON       | 525                        |
| 49           | NYD980532071 | BROOKLYN UNION GAS - CLIFTON - REMEDIATION  | STATEN ISLAND      | 511                        |
| 50           | NYR000169045 | NORTHERN BIODIESEL INC                      | ONTARIO            | 501                        |
| <b>Total</b> |              |   |                    | <b>128,763</b>             |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## NEW YORK

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 21

19 Quantity of RCRA Hazardous Waste Received: 83,406 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City              | Quantity Received<br>(Tons) |
|--------------|--------------|--|-------------------|-----------------------------|
| 1            | NYD049836679 | CWM CHEMICAL SERVICES LLC                  | MODEL CITY        | 43,331                      |
| 2            | NYD080469935 | NORLITE CORPORATION                        | COHOES            | 22,954                      |
| 3            | NYD049253719 | NEXEO SOLUTIONS LLC                        | BINGHAMTON        | 5,189                       |
| 4            | NYD980592497 | EASTMAN KODAK COMPANY                      | ROCHESTER         | 4,988                       |
| 5            | NYD002113736 | TULIP CORPORATION                          | NIAGARA FALLS     | 2,443                       |
| 6            | NYD082785429 | CHEMICAL POLLUTION CONTROL LLC             | BAY SHORE         | 1,748                       |
| 7            | NYD000767657 | LOVE CANAL OCCIDENTAL CHEMICAL CORPORATION | NIAGARA FALLS     | 1,290                       |
| 8            | NYD013277454 | SOLVENTS & PETROLEUM SERVICE INC           | SYRACUSE          | 389                         |
| 9            | NYD077444263 | TRIUMVIRATE ENVIRONMENTAL NYC LLC          | ASTORIA           | 289                         |
| 10           | NYR000146712 | CARESTREAM HEALTH INC                      | ROCHESTER         | 150                         |
| 11           | NYD982743312 | SAFETY-KLEEN SYSTEMS INC                   | SYRACUSE          | 129                         |
| 12           | NYD980753784 | SAFETY-KLEEN SYSTEMS INC                   | AVON              | 124                         |
| 13           | NYD980593636 | CON EDISON - ASTORIA                       | LONG ISLAND CITY  | 108                         |
| 14           | NYD986872869 | SAFETY-KLEEN SYSTEMS INC                   | COHOES            | 87                          |
| 15           | NYD002082519 | AMES GOLDSMITH CORP                        | SOUTH GLENS FALLS | 56                          |
| 16           | NYD981556541 | SAFETY-KLEEN SYSTEMS INC                   | LACKAWANNA        | 52                          |
| 17           | NYD000705939 | CON EDISON - EASTVIEW SERVICE CENTER       | VALHALLA          | 46                          |
| 18           | NYD030485288 | REVERE SMELTING & REFINING CORPORATION     | MIDDLETOWN        | 32                          |
| 19           | NYR000129015 | AMERICAN LAMP RECYCLING LLC                | WAPPINGERS FALLS  | 1                           |
| 20           | NYD000631994 | UNIVERSITY OF ROCHESTER                    | ROCHESTER         | 0                           |
| 21           | NYD080480734 | I B M CORP                                 | POUGHKEEPSIE      | 0                           |
| <b>Total</b> |              |  |                   | <b>83,406</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## NEW YORK

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY              | 19,458                     | 23.3                      | 1                       | 4.8                         |
| INCINERATION                 | 3,497                      | 4.2                       | 1                       | 4.8                         |
| LANDFILL/SURFACE IMPOUNDMENT | 42,265                     | 50.7                      | 1                       | 4.8                         |
| METALS RECOVERY              | 243                        | 0.3                       | 4                       | 19.0                        |
| OTHER DISPOSAL               | 1,979                      | 2.4                       | 4                       | 19.0                        |
| OTHER RECOVERY               | 2,444                      | 2.9                       | 2                       | 9.5                         |
| SOLVENTS RECOVERY            | 4,982                      | 6.0                       | 1                       | 4.8                         |
| STORAGE AND/OR TRANSFER      | 8,539                      | 10.2                      | 13                      | 61.9                        |
|                              | 83,406                     | 100.0                     | 21                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 42,265                     | 50.7                      | 1                       | 4.8                         |
| ENERGY RECOVERY              | 19,458                     | 23.3                      | 1                       | 4.8                         |
| STORAGE AND/OR TRANSFER      | 8,539                      | 10.2                      | 13                      | 61.9                        |
| SOLVENTS RECOVERY            | 4,982                      | 6.0                       | 1                       | 4.8                         |
| INCINERATION                 | 3,497                      | 4.2                       | 1                       | 4.8                         |
| OTHER RECOVERY               | 2,444                      | 2.9                       | 2                       | 9.5                         |
| OTHER DISPOSAL               | 1,979                      | 2.4                       | 4                       | 19.0                        |
| METALS RECOVERY              | 243                        | 0.3                       | 4                       | 19.0                        |
|                              | 83,406                     | 100.0                     | 21                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 8,539                      | 10.2                      | 13                      | 61.9                        |
| OTHER DISPOSAL               | 1,979                      | 2.4                       | 4                       | 19.0                        |
| METALS RECOVERY              | 243                        | 0.3                       | 4                       | 19.0                        |
| OTHER RECOVERY               | 2,444                      | 2.9                       | 2                       | 9.5                         |
| LANDFILL/SURFACE IMPOUNDMENT | 42,265                     | 50.7                      | 1                       | 4.8                         |
| ENERGY RECOVERY              | 19,458                     | 23.3                      | 1                       | 4.8                         |
| SOLVENTS RECOVERY            | 4,982                      | 6.0                       | 1                       | 4.8                         |
| INCINERATION                 | 3,497                      | 4.2                       | 1                       | 4.8                         |
|                              | 83,406                     | 100.0                     | 21                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**NEW YORK**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 123,392 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 42,399 Tons

**26 New York Interstate Shipment / Receipts (As reported by New York):**

The State to which New York shipped the largest quantity of waste was New Jersey (54,771 tons).

The State that shipped the largest quantity of waste to New York was New Jersey (17,527 tons).

## NORTH CAROLINA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 531

2 Quantity of RCRA Hazardous Waste Generated: 83,114 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City                   | Total Generated<br>(Tons) |
|--------------|--------------|---|------------------------|---------------------------|
| 1            | NCR000011197 | NUCOR STEEL - HERTFORD COUNTY               | COFIELD                | 32,024                    |
| 2            | NCD047373766 | DSM PHARMACEUTICALS, INC                    | GREENVILLE             | 4,700                     |
| 3            | NCD093340487 | GERDAU AMERISTEEL US, INC - CHARLOTTE STEEL | CHARLOTTE              | 4,259                     |
| 4            | NCD042091975 | MALLINCKRODT LLC                            | RALEIGH                | 2,951                     |
| 5            | NCD047368642 | E.I.DUPONT FAYETTEVILLE WORKS               | TAR HEEL               | 2,552                     |
| 6            | NCD003162542 | ALCOA - BADIN WORKS                         | BADIN                  | 2,287                     |
| 7            | NCD050409150 | GLOBAL NUCLEAR FUEL - AMERICAS              | WILMINGTON             | 1,476                     |
| 8            | NCD986166429 | FMC CORPORATION                             | BESSEMER CITY          | 1,417                     |
| 9            | NCR000008458 | SOUTH ATLANTIC GALVANIZING                  | GRAHAM                 | 1,406                     |
| 10           | NCD990868168 | SUN CHEMICAL CORPORATION                    | CHARLOTTE              | 1,402                     |
| 11           | NC1170027261 | MCAB EAST - MCAS CHERRY POINT               | HAVELOCK               | 927                       |
| 12           | NCD981014749 | CREE DURHAM                                 | DURHAM                 | 884                       |
| 13           | NCD003232030 | VALSPAR CORPORATION                         | HIGH POINT             | 703                       |
| 14           | NCD006390561 | AKZO NOBEL COATINGS, INC.                   | HIGH POINT             | 582                       |
| 15           | NCD057454670 | ELEMENTIS CHROMIUM                          | CASTLE HAYNE           | 551                       |
| 16           | NCD091245498 | DAIMLER TRUCKS NORTH AMERICA LLC: MOUNT HO  | MOUNT HOLLY            | 545                       |
| 17           | NCD000616516 | YALE SECURITY INC - NORTON DOOR CONTROLS DI | MONROE                 | 536                       |
| 18           | NCR000012997 | RF MICRO DEVICES FAB 3                      | GREENSBORO             | 535                       |
| 19           | NCR000144287 | SHUTTERFLY, INC                             | CHARLOTTE              | 533                       |
| 20           | NCD980729875 | REVLON CONSUMER PRODUCTS CORPORATION        | OXFORD                 | 532                       |
| 21           | NCD003214319 | THE SHERWIN WILLIAMS COMPANY                | GREENSBORO             | 526                       |
| 22           | NCD000648451 | CLEAN HARBORS REIDSVILLE, LLC               | REIDSVILLE             | 511                       |
| 23           | NCD024766719 | SILAR LLC                                   | RIEGELWOOD             | 507                       |
| 24           | NCD980559660 | CREE RTP                                    | RESEARCH TRIANGLE PARK | 498                       |
| 25           | NCP071111024 | ENDY ELEMENTARY SCHOOL                      | ALBEMARLE              | 497                       |
| 26           | NCD079047148 | RPM WOOD FINISHES GROUP, INC.               | HUDSON                 | 458                       |
| 27           | NCD071561864 | THE SHERWIN-WILLIAMS COMPANY                | GREENSBORO             | 432                       |
| 28           | NCD079060059 | SAFETY-KLEEN SYSTEMS, INC                   | CHARLOTTE              | 420                       |
| 29           | NCD018652339 | DAIMLER TRUCKS NORTH AMERICA, LLC           | CLEVELAND              | 415                       |
| 30           | NCD095119210 | METALLIX REFINING INC.                      | GREENVILLE             | 411                       |
| 31           | NCD047372503 | BRENNTAG SOUTHEAST INC DURHAM               | DURHAM                 | 408                       |
| 32           | NCR000009050 | CONTINENTAL AUTOMOTIVE SYSTEMS, INC.        | FLETCHER               | 393                       |
| 33           | NCR000145631 | EXSOL LABS CANDLER NC FACILITY              | CANDLER                | 392                       |
| 34           | NCR000001651 | AMERICAN DISTILLATION, INC.                 | LELAND                 | 389                       |
| 35           | NCD041747775 | N.S. FLEXIBLES, LLC                         | GREENSBORO             | 380                       |
| 36           | NCD000776740 | SAFETY-KLEEN SYSTEMS, INC                   | RALEIGH                | 368                       |
| 37           | NCD057927857 | INDUSTRIAL ELECTROPLATING CO., INC.         | GASTONIA               | 339                       |
| 38           | NCD986166361 | DAY INTERNATIONAL                           | ARDEN                  | 337                       |
| 39           | NCD030504062 | PRINTPACK INC. SNACKS DIVISION              | HENDERSONVILLE         | 314                       |
| 40           | NCD986231025 | NOVO NORDISK PHARMACEUTICAL                 | CLAYTON                | 311                       |
| 41           | NCD003221546 | DOW CORNING CORPORATION                     | GREENSBORO             | 294                       |
| 42           | NCD981931256 | COTY - ROCKY POINT                          | ROCKY POINT            | 282                       |
| 43           | NCD116001280 | KURZ TRANSFER PRODUCTS                      | LEXINGTON              | 259                       |
| 44           | NCR000145565 | HENKEL CORPORATION                          | SALISBURY              | 254                       |
| 45           | NC0991302500 | PHARMACORE, INC.                            | HIGH POINT             | 248                       |
| 46           | NCD085083004 | APEX TOOL GROUP LLC                         | GASTONIA               | 212                       |
| 47           | NCR000001255 | LOPAREX LLC                                 | EDEN                   | 205                       |
| 48           | NCD986229623 | BRENNTAG SOUTHEAST INC - CHARLOTTE          | CHARLOTTE              | 187                       |
| 49           | NCD085074821 | CLARIANT CORPORATION - MOUNT HOLLY WEST     | MOUNT HOLLY            | 187                       |
| 50           | NCD086872082 | OMNOVA SOLUTIONS INC                        | MONROE                 | 182                       |
| <b>Total</b> |              |   |                        | <b>71,417</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## NORTH CAROLINA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 10,542                  | ONLY AN F CODE                | 2,662                   |  |                         |
| ONLY CORROSIVE                        | 2,800                   | ONLY A K CODE                 | 41,375                  |  |                         |
| ONLY REACTIVE                         | 251                     | ONLY A P CODE                 | 5                       |  |                         |
| ONLY D004-17                          | 3,043                   | ONLY A U CODE                 | 360                     |  |                         |
| ONLY D018-43                          | 1,829                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 6,443                   | HAS MORE THAN ONE LISTED CODE | 4                       |  |                         |
| <b>TOTAL</b>                          | <b>24,907</b>           | <b>TOTAL</b>                  | <b>44,405</b>           | <b>Both Characteristic and Listed</b>          | <b>13,706</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 2,378                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 12,574                  |
| HAS CORROSIVE CODE  | 4,570                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 769                     |
| HAS REACTIVE CODE   | 111                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 452                     |
| HAS D004-D017 CODE  | 4,238                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 2,323                   |
| HAS D018-D043 CODE  | 1,794                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 5,807                   |
|   |                         | HAS AN F CODE                           | 4                       | F WASTE W/ AT LEAST 1 CHAR           | 13,177                  |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 127                     |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 240                     |
|   |                         | HAS A U CODE                            | 4                       | U WASTE W/ AT LEAST 1 CHAR           | 688                     |
| <b>TOTAL</b>  | <b>6,443</b>            | <b>TOTAL</b>                            | <b>4</b>                | <b>TOTAL</b>                         | <b>13,706</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, F003, D035, F005, D008, D011, D009, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description   | Tons Generated |
|--------------|-------|---|----------------|
| 1            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING             | 36,282         |
| 2            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                     | 8,627          |
| 3            | 3251  | BASIC CHEMICAL MANUFACTURING                                  | 8,025          |
| 4            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                    | 3,043          |
| 5            | 3313  | ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING                | 2,287          |
| 6            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES      | 2,237          |
| 7            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING    | 2,078          |
| 8            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING          | 1,577          |
| 9            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                   | 1,231          |
| 10           | 3256  | SOAP, CLEANING COMPOUND, AND TOILET PREPARATION MANUFACTURING | 1,190          |
| <b>Total</b> |       |   | <b>66,576</b>  |

## NORTH CAROLINA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 44

9 Quantity of RCRA Hazardous Waste Managed: 93,905 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City                   | Tons of Waste Managed |
|--------------|--------------|--|------------------------|-----------------------|
| 1            | NCD091245969 | RADIATOR SPECIALTY COMPANY                 | INDIAN TRAIL           | 82,205                |
| 2            | NCD980842132 | ECOFLO, INC.                               | GREENSBORO             | 5,662                 |
| 3            | NCD042091975 | MALLINCKRODT LLC                           | RALEIGH                | 2,716                 |
| 4            | NCD049773245 | DETREX CORPORATION                         | CHARLOTTE              | 517                   |
| 5            | NCD194078838 | BLUE RIDGE METALS CORP.                    | FLETCHER               | 463                   |
| 6            | NCD990868168 | SUN CHEMICAL CORPORATION                   | CHARLOTTE              | 450                   |
| 7            | NCD091245498 | DAIMLER TRUCKS NORTH AMERICA LLC: MOUNT H  | MOUNT HOLLY            | 396                   |
| 8            | NCD986166361 | DAY INTERNATIONAL                          | ARDEN                  | 300                   |
| 9            | NCD041747775 | N.S. FLEXIBLES, LLC                        | GREENSBORO             | 242                   |
| 10           | NCD095119210 | METALLIX REFINING INC.                     | GREENVILLE             | 200                   |
| 11           | NCD980515308 | UNC - CHAPEL HILL                          | CHAPEL HILL            | 133                   |
| 12           | NCD003214319 | THE SHERWIN WILLIAMS COMPANY               | GREENSBORO             | 99                    |
| 13           | NCD982093783 | THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL | CHAPEL HILL            | 89                    |
| 14           | NCD030504062 | PRINTPACK INC. SNACKS DIVISION             | HENDERSONVILLE         | 82                    |
| 15           | NCD061263315 | NEXEO SOLUTIONS, LLC                       | CHARLOTTE              | 55                    |
| 16           | NCD121700777 | DART ACQUISITIONS, LLC                     | CHARLOTTE              | 54                    |
| 17           | NCD044387538 | GRADY-WHITE BOATS, INC.                    | GREENVILLE             | 50                    |
| 18           | NCR000143966 | EXCELSIOR PACKAGING GROUP                  | BREVARD                | 49                    |
| 19           | NCR000011411 | THOMAS BUILT BUSES INC.                    | HIGH POINT             | 23                    |
| 20           | NCD000616763 | HK RESEARCH CORPORATION                    | HICKORY                | 19                    |
| 21           | NCD024617524 | COATS NORTH AMERICA                        | HENDERSONVILLE         | 14                    |
| 22           | NCD018652339 | DAIMLER TRUCKS NORTH AMERICA, LLC          | CLEVELAND              | 12                    |
| 23           | NCD003157377 | COATS NORTH AMERICA - SEVIER PLANT         | MARION                 | 12                    |
| 24           | NCD116001280 | KURZ TRANSFER PRODUCTS                     | LEXINGTON              | 8                     |
| 25           | NCD986229375 | DRAKA COMMUNICATION AMERICAS, INC.         | CLAREMONT              | 7                     |
| 26           | NCR000144444 | HIGHLAND INTERNATIONAL INC                 | BOONE                  | 6                     |
| 27           | NCD059141184 | BAKER FURNITURE CO.                        | CONNELLY SPRINGS       | 5                     |
| 28           | NCR000136531 | DUHS CLINICAL LABORATORY                   | DURHAM                 | 5                     |
| 29           | NCD981922602 | CORNING CABLE SYSTEMS - HMTG               | HICKORY                | 4                     |
| 30           | NCP081511039 | UNC CHAPEL HILL-FINLEY GOLF COURSE         | CHAPEL HILL            | 4                     |
| 31           | NCD097728091 | VISHAY MEASUREMENTS GROUP INC.             | WENDELL                | 4                     |
| 32           | NCD003217536 | HICKORY WHITE CASEGOODS                    | HICKORY                | 2                     |
| 33           | NCD003233970 | THOMAS BUILT BUSES, INC.                   | HIGH POINT             | 2                     |
| 34           | NCD986229227 | KURZ TRANSFER PRODUCTS                     | CHARLOTTE              | 2                     |
| 35           | NCD003221868 | CENTURY FURNITURE IND. PLANT 1             | HICKORY                | 2                     |
| 36           | NCD986166338 | VEOLIA ES TECHNICAL SOLUTIONS, LLC         | CREEDMOOR              | 2                     |
| 37           | NCD083673616 | TREELLEBORG COATED SYSTEMS - GRACE ADVAN   | RUTHERFORDTON          | 2                     |
| 38           | NCP110111072 | NC DOT DIV 11 YADKIN BR#38                 | HAMPTONVILLE           | 2                     |
| 39           | NCD003213030 | LEXINGTON ROAD PROPERTIES, INC. F/K/A DOUG | WINSTON-SALEM          | 2                     |
| 40           | NCP100511060 | NC DOT DIV 1 CHOWAN BR #28                 | EDENTON                | 1                     |
| 41           | NCD980843866 | DUPONT - RTP SITE                          | DURHAM                 | 1                     |
| 42           | NCD065655599 | GLAXOSMITHKLINE- NORTH CAMPUS              | RESEARCH TRIANGLE PARK | 0                     |
| 43           | NCD000813519 | DUKE UNIVERSITY                            | DURHAM                 | 0                     |
| 44           | NCD085074821 | CLARIANT CORPORATION - MOUNT HOLLY WEST    | MOUNT HOLLY            | 0                     |
| <b>Total</b> |              |  |                        | <b>93,905</b>         |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## NORTH CAROLINA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT        | 433                        | 0.5                       | 2                       | 4.5                         |
| ENERGY RECOVERY                    | 3,273                      | 3.5                       | 2                       | 4.5                         |
| FUEL BLENDING                      | 3,603                      | 3.8                       | 5                       | 11.4                        |
| INCINERATION                       | 558                        | 0.6                       | 6                       | 13.6                        |
| LAND TREATMENT/APPLICATION/FARMING | 0                          | 0.0                       | 1                       | 2.3                         |
| LANDFILL/SURFACE IMPOUNDMENT       | 234                        | 0.2                       | 1                       | 2.3                         |
| METALS RECOVERY                    | 205                        | 0.2                       | 3                       | 6.8                         |
| OTHER DISPOSAL                     | 82,437                     | 87.8                      | 4                       | 9.1                         |
| OTHER RECOVERY                     | 3                          | 0.0                       | 1                       | 2.3                         |
| OTHER TREATMENT                    | 880                        | 0.9                       | 10                      | 22.7                        |
| SLUDGE TREATMENT                   | 1                          | 0.0                       | 1                       | 2.3                         |
| SOLVENTS RECOVERY                  | 2,249                      | 2.4                       | 26                      | 59.1                        |
| STABILIZATION                      | 29                         | 0.0                       | 4                       | 9.1                         |
|                                    | 93,905                     | 100.0                     | 44                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL                     | 82,437                     | 87.8                      | 4                       | 9.1                         |
| FUEL BLENDING                      | 3,603                      | 3.8                       | 5                       | 11.4                        |
| ENERGY RECOVERY                    | 3,273                      | 3.5                       | 2                       | 4.5                         |
| SOLVENTS RECOVERY                  | 2,249                      | 2.4                       | 26                      | 59.1                        |
| OTHER TREATMENT                    | 880                        | 0.9                       | 10                      | 22.7                        |
| INCINERATION                       | 558                        | 0.6                       | 6                       | 13.6                        |
| AQUEOUS INORGANIC TREATMENT        | 433                        | 0.5                       | 2                       | 4.5                         |
| LANDFILL/SURFACE IMPOUNDMENT       | 234                        | 0.2                       | 1                       | 2.3                         |
| METALS RECOVERY                    | 205                        | 0.2                       | 3                       | 6.8                         |
| STABILIZATION                      | 29                         | 0.0                       | 4                       | 9.1                         |
| OTHER RECOVERY                     | 3                          | 0.0                       | 1                       | 2.3                         |
| SLUDGE TREATMENT                   | 1                          | 0.0                       | 1                       | 2.3                         |
| LAND TREATMENT/APPLICATION/FARMING | 0                          | 0.0                       | 1                       | 2.3                         |
|                                    | 93,905                     | 100.0                     | 44                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY                  | 2,249                      | 2.4                       | 26                      | 59.1                        |
| OTHER TREATMENT                    | 880                        | 0.9                       | 10                      | 22.7                        |
| INCINERATION                       | 558                        | 0.6                       | 6                       | 13.6                        |
| FUEL BLENDING                      | 3,603                      | 3.8                       | 5                       | 11.4                        |
| STABILIZATION                      | 29                         | 0.0                       | 4                       | 9.1                         |
| OTHER DISPOSAL                     | 82,437                     | 87.8                      | 4                       | 9.1                         |
| METALS RECOVERY                    | 205                        | 0.2                       | 3                       | 6.8                         |
| ENERGY RECOVERY                    | 3,273                      | 3.5                       | 2                       | 4.5                         |
| AQUEOUS INORGANIC TREATMENT        | 433                        | 0.5                       | 2                       | 4.5                         |
| OTHER RECOVERY                     | 3                          | 0.0                       | 1                       | 2.3                         |
| LANDFILL/SURFACE IMPOUNDMENT       | 234                        | 0.2                       | 1                       | 2.3                         |
| SLUDGE TREATMENT                   | 1                          | 0.0                       | 1                       | 2.3                         |
| LAND TREATMENT/APPLICATION/FARMING | 0                          | 0.0                       | 1                       | 2.3                         |
|                                    | 93,905                     | 100.0                     | 44                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, D008, F005, D002, D007, D035, D005, D006, F002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## NORTH CAROLINA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 542

16 Quantity of RCRA Hazardous Waste Shipped: 91,039

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                   | City                   | Quantity Shipped<br>(Tons) |
|-------|--------------|---|------------------------|----------------------------|
| 1     | NCR000011197 | NUCOR STEEL - HERTFORD COUNTY               | COFIELD                | 32,024                     |
| 2     | NCD047373766 | DSM PHARMACEUTICALS, INC                    | GREENVILLE             | 4,700                      |
| 3     | NCD093340487 | GERDAU AMERISTEEL US, INC - CHARLOTTE STEEL | CHARLOTTE              | 4,259                      |
| 4     | NCD000648451 | CLEAN HARBORS REIDSVILLE, LLC               | REIDSVILLE             | 4,018                      |
| 5     | NCD980842132 | ECOFLO, INC.                                | GREENSBORO             | 4,001                      |
| 6     | NCD047368642 | E.I.DUPONT FAYETTEVILLE WORKS               | TAR HEEL               | 2,555                      |
| 7     | NCD003162542 | ALCOA - BADIN WORKS                         | BADIN                  | 2,244                      |
| 8     | NCD061263315 | NEXEO SOLUTIONS, LLC                        | CHARLOTTE              | 2,087                      |
| 9     | NCD050409150 | GLOBAL NUCLEAR FUEL - AMERICAS              | WILMINGTON             | 1,476                      |
| 10    | NCD986166429 | FMC CORPORATION                             | BESSEMER CITY          | 1,414                      |
| 11    | NCR000008458 | SOUTH ATLANTIC GALVANIZING                  | GRAHAM                 | 1,406                      |
| 12    | NCD986166338 | VEOLIA ES TECHNICAL SOLUTIONS, LLC          | CREEDMOOR              | 1,124                      |
| 13    | NCD990868168 | SUN CHEMICAL CORPORATION                    | CHARLOTTE              | 951                        |
| 14    | NC1170027261 | MCAB EAST - MCAS CHERRY POINT               | HAVELOCK               | 915                        |
| 15    | NCD981014749 | CREE DURHAM                                 | DURHAM                 | 884                        |
| 16    | NCD071561864 | THE SHERWIN-WILLIAMS COMPANY                | GREENSBORO             | 782                        |
| 17    | NCD003232030 | VALSPAR CORPORATION                         | HIGH POINT             | 703                        |
| 18    | NCD006390561 | AKZO NOBEL COATINGS, INC.                   | HIGH POINT             | 582                        |
| 19    | NCD057454670 | ELEMENTIS CHROMIUM                          | CASTLE HAYNE           | 551                        |
| 20    | NCD000616516 | YALE SECURITY INC - NORTON DOOR CONTROLS E  | MONROE                 | 536                        |
| 21    | NCR000012997 | RF MICRO DEVICES FAB 3                      | GREENSBORO             | 535                        |
| 22    | NCD079060059 | SAFETY-KLEEN SYSTEMS, INC                   | CHARLOTTE              | 535                        |
| 23    | NCR000144287 | SHUTTERFLY, INC                             | CHARLOTTE              | 533                        |
| 24    | NCD003214319 | THE SHERWIN WILLIAMS COMPANY                | GREENSBORO             | 526                        |
| 25    | NCD049773245 | DETREX CORPORATION                          | CHARLOTTE              | 514                        |
| 26    | NCD980729875 | REVLON CONSUMER PRODUCTS CORPORATION        | OXFORD                 | 511                        |
| 27    | NCD024766719 | SILAR LLC                                   | RIEGELWOOD             | 507                        |
| 28    | NCD980559660 | CREE RTP                                    | RESEARCH TRIANGLE PARK | 498                        |
| 29    | NCP071111024 | ENDY ELEMENTARY SCHOOL                      | ALBEMARLE              | 497                        |
| 30    | NCD000776740 | SAFETY-KLEEN SYSTEMS, INC                   | RALEIGH                | 482                        |
| 31    | NCD079047148 | RPM WOOD FINISHES GROUP, INC.               | HUDSON                 | 477                        |
| 32    | NCD095119210 | METALLIX REFINING INC.                      | GREENVILLE             | 411                        |
| 33    | NCD047372503 | BRENTTAG SOUTHEAST INC DURHAM               | DURHAM                 | 408                        |
| 34    | NCD018652339 | DAIMLER TRUCKS NORTH AMERICA, LLC           | CLEVELAND              | 402                        |
| 35    | NCR000009050 | CONTINENTAL AUTOMOTIVE SYSTEMS, INC.        | FLETCHER               | 393                        |
| 36    | NCR000145631 | EXSOL LABS CANDLER NC FACILITY              | CANDLER                | 390                        |
| 37    | NCR000001651 | AMERICAN DISTILLATION, INC.                 | LELAND                 | 389                        |
| 38    | NCD057927857 | INDUSTRIAL ELECTROPLATING CO., INC.         | GASTONIA               | 358                        |
| 39    | NCD077840148 | SAFETY-KLEEN SYSTEMS, INC                   | ARCHDALE               | 326                        |
| 40    | NCD986231025 | NOVO NORDISK PHARMACEUTICAL                 | CLAYTON                | 311                        |
| 41    | NCD003221546 | DOW CORNING CORPORATION                     | GREENSBORO             | 295                        |
| 42    | NCD981931256 | COTY - ROCKY POINT                          | ROCKY POINT            | 277                        |
| 43    | NCD116001280 | KURZ TRANSFER PRODUCTS                      | LEXINGTON              | 259                        |
| 44    | NCR000145565 | HENKEL CORPORATION                          | SALISBURY              | 254                        |
| 45    | NC0991302500 | PHARMACORE, INC.                            | HIGH POINT             | 248                        |
| 46    | NCD030504062 | PRINTPACK INC. SNACKS DIVISION              | HENDERSONVILLE         | 232                        |
| 47    | NCR000001255 | LOPAREX LLC                                 | EDEN                   | 217                        |
| 48    | NCD085083004 | APEX TOOL GROUP LLC                         | GASTONIA               | 212                        |
| 49    | NCD980846935 | SAFETY-KLEEN SYSTEMS, INC                   | SAINT PAULS            | 196                        |
| 50    | NCD042091975 | MALLINCKRODT LLC                            | RALEIGH                | 189                        |
| Total |              |   |                        | 78,592                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## NORTH CAROLINA

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 17

19 Quantity of RCRA Hazardous Waste Received: 12,276 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                     | City                   | Quantity Received<br>(Tons) |
|--------------|--------------|---|------------------------|-----------------------------|
| 1            | NCD000648451 | CLEAN HARBORS REIDSVILLE, LLC                 | REIDSVILLE             | 4,076                       |
| 2            | NCD980842132 | ECOFLO, INC.                                  | GREENSBORO             | 3,261                       |
| 3            | NCD061263315 | NEXEO SOLUTIONS, LLC                          | CHARLOTTE              | 2,045                       |
| 4            | NCD986166338 | VEOLIA ES TECHNICAL SOLUTIONS, LLC            | CREEDMOOR              | 1,170                       |
| 5            | NCD049773245 | DETREX CORPORATION                            | CHARLOTTE              | 749                         |
| 6            | NCD095119210 | METALLIX REFINING INC.                        | GREENVILLE             | 200                         |
| 7            | NCD077840148 | SAFETY-KLEEN SYSTEMS, INC                     | ARCHDALE               | 170                         |
| 8            | NCD079060059 | SAFETY-KLEEN SYSTEMS, INC                     | CHARLOTTE              | 118                         |
| 9            | NCD121700777 | DART ACQUISITIONS, LLC                        | CHARLOTTE              | 105                         |
| 10           | NCD000776740 | SAFETY-KLEEN SYSTEMS, INC                     | RALEIGH                | 103                         |
| 11           | NCD980846935 | SAFETY-KLEEN SYSTEMS, INC                     | SAINT PAULS            | 97                          |
| 12           | NCD052547635 | GLAXOSMITHKLINE- SOUTH CAMPUS                 | RESEARCH TRIANGLE PARK | 88                          |
| 13           | NCD982093783 | THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HI | CHAPEL HILL            | 72                          |
| 14           | NCD000830737 | NCSU MAIN CAMPUS                              | RALEIGH                | 15                          |
| 15           | NCD065655599 | GLAXOSMITHKLINE- NORTH CAMPUS                 | RESEARCH TRIANGLE PARK | 2                           |
| 16           | NCP110111072 | NC DOT DIV 11 YADKIN BR#38                    | HAMPTONVILLE           | 2                           |
| 17           | NCP110111071 | NC DOT DIV 11 YADKIN BR #6                    | HAMPTONVILLE           | 1                           |
| <b>Total</b> |              |   |                        | <b>12,276</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## NORTH CAROLINA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT        | 231                        | 1.9                       | 2                       | 11.8                        |
| ENERGY RECOVERY                    | 314                        | 2.6                       | 1                       | 5.9                         |
| FUEL BLENDING                      | 1,907                      | 15.5                      | 4                       | 23.5                        |
| INCINERATION                       | 398                        | 3.2                       | 4                       | 23.5                        |
| LAND TREATMENT/APPLICATION/FARMING | 0                          | 0.0                       | 1                       | 5.9                         |
| LANDFILL/SURFACE IMPOUNDMENT       | 227                        | 1.8                       | 1                       | 5.9                         |
| METALS RECOVERY                    | 203                        | 1.7                       | 2                       | 11.8                        |
| OTHER TREATMENT                    | 331                        | 2.7                       | 3                       | 17.6                        |
| SOLVENTS RECOVERY                  | 215                        | 1.7                       | 1                       | 5.9                         |
| STABILIZATION                      | 27                         | 0.2                       | 2                       | 11.8                        |
| STORAGE AND/OR TRANSFER            | 8,424                      | 68.6                      | 15                      | 88.2                        |
|                                    | 12,276                     | 100.0                     | 17                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER            | 8,424                      | 68.6                      | 15                      | 88.2                        |
| FUEL BLENDING                      | 1,907                      | 15.5                      | 4                       | 23.5                        |
| INCINERATION                       | 398                        | 3.2                       | 4                       | 23.5                        |
| OTHER TREATMENT                    | 331                        | 2.7                       | 3                       | 17.6                        |
| ENERGY RECOVERY                    | 314                        | 2.6                       | 1                       | 5.9                         |
| AQUEOUS INORGANIC TREATMENT        | 231                        | 1.9                       | 2                       | 11.8                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 227                        | 1.8                       | 1                       | 5.9                         |
| SOLVENTS RECOVERY                  | 215                        | 1.7                       | 1                       | 5.9                         |
| METALS RECOVERY                    | 203                        | 1.7                       | 2                       | 11.8                        |
| STABILIZATION                      | 27                         | 0.2                       | 2                       | 11.8                        |
| LAND TREATMENT/APPLICATION/FARMING | 0                          | 0.0                       | 1                       | 5.9                         |
|                                    | 12,276                     | 100.0                     | 17                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER            | 8,424                      | 68.6                      | 15                      | 88.2                        |
| INCINERATION                       | 398                        | 3.2                       | 4                       | 23.5                        |
| FUEL BLENDING                      | 1,907                      | 15.5                      | 4                       | 23.5                        |
| OTHER TREATMENT                    | 331                        | 2.7                       | 3                       | 17.6                        |
| STABILIZATION                      | 27                         | 0.2                       | 2                       | 11.8                        |
| METALS RECOVERY                    | 203                        | 1.7                       | 2                       | 11.8                        |
| AQUEOUS INORGANIC TREATMENT        | 231                        | 1.9                       | 2                       | 11.8                        |
| LAND TREATMENT/APPLICATION/FARMING | 0                          | 0.0                       | 1                       | 5.9                         |
| LANDFILL/SURFACE IMPOUNDMENT       | 227                        | 1.8                       | 1                       | 5.9                         |
| SOLVENTS RECOVERY                  | 215                        | 1.7                       | 1                       | 5.9                         |
| ENERGY RECOVERY                    | 314                        | 2.6                       | 1                       | 5.9                         |
|                                    | 12,276                     | 100.0                     | 17                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## NORTH CAROLINA

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 87,452 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 7,874 Tons

**26 North Carolina Interstate Shipment / Receipts (As reported by North Carolina):**

The State to which North Carolina shipped the largest quantity of waste was South Carolina (46,380 tons).

The State that shipped the largest quantity of waste to North Carolina was South Carolina (4,073 tons).

## NORTH DAKOTA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 19

2 Quantity of RCRA Hazardous Waste Generated: 455,868 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City        | Total Generated<br>(Tons) |
|--------------|--------------|--|-------------|---------------------------|
| 1            | NDD006175467 | TESORO REFINING AND MARKETING COMPANY      | MANDAN      | 454,756                   |
| 2            | ND0000232470 | BAKER PRESSURE PUMPING                     | DICKINSON   | 257                       |
| 3            | NDD980957070 | SAFETY-KLEEN SYSTEMS, INC. - BISMARCK      | BISMARCK    | 144                       |
| 4            | NDD000716738 | SAFETY-KLEEN SYSTEMS, INC. - FARGO         | FARGO       | 130                       |
| 5            | NDD053426565 | GOODRICH INTERIORS - PLANT 1               | JAMESTOWN   | 98                        |
| 6            | NDD986270189 | HALLIBURTON ENERGY SERVICES                | WILLISTON   | 81                        |
| 7            | NDD986271872 | DMI INDUSTRIES                             | WEST FARGO  | 67                        |
| 8            | NDD982591794 | WASTE RECOVERY SERVICES, INC.              | BELFIELD    | 45                        |
| 9            | NDR000009027 | CALFRAC WELL SERVICES CORP                 | WILLISTON   | 39                        |
| 10           | NDD986267938 | TECTON PRODUCTS, LLC                       | FARGO       | 38                        |
| 11           | NDR000002576 | LM WIND POWER (ND) INC.                    | GRAND FORKS | 33                        |
| 12           | NDR000001214 | FIBERGLASS SPECIALITIES                    | MINOT       | 31                        |
| 13           | NDD089489736 | NORTH DAKOTA STATE UNIVERSITY              | FARGO       | 30                        |
| 14           | NDR000007369 | WILBUR-ELLIS COMPANY                       | MINOT       | 25                        |
| 15           | NDD990872590 | CNH AMERICA LLC                            | FARGO       | 24                        |
| 16           | NDR000009019 | SANJEL WILLISTON DISTRICT 41               | WILLISTON   | 21                        |
| 17           | NDD000690594 | DAKOTA GASIFICATION COMPANY - GREAT PLAINS | BEULAH      | 20                        |
| 18           | NDR000008003 | TRAIL KING INDUSTRIES, INC.                | WEST FARGO  | 16                        |
| 19           | ND0000994186 | CROP PRODUCTION SERVICES, INC DBA AGDEPOT  | GRAND FORKS | 12                        |
| <b>Total</b> |              |  |             | <b>455,868</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## NORTH DAKOTA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 169                     | ONLY AN F CODE                | 25                      |  |                         |
| ONLY CORROSIVE                        | 153                     | ONLY A K CODE                 | 40                      |  |                         |
| ONLY REACTIVE                         | 1                       | ONLY A P CODE                 | 3                       |  |                         |
| ONLY D004-17                          | 44                      | ONLY A U CODE                 | 6                       |  |                         |
| ONLY D018-43                          | 454,634                 |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 395                     | HAS MORE THAN ONE LISTED CODE | 71                      |  |                         |
| <b>TOTAL</b>                          | <b>455,396</b>          | <b>TOTAL</b>                  | <b>144</b>              | <b>Both Characteristic and Listed</b>          | <b>328</b>              |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 320                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 281                     |
| HAS CORROSIVE CODE  | 58                      |   |                         | CORR. W/ AT LEAST 1 LSTD             | 2                       |
| HAS REACTIVE CODE   | 0                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 0                       |
| HAS D004-D017 CODE  | 122                     |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 42                      |
| HAS D018-D043 CODE  | 333                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 112                     |
|   |                         | HAS AN F CODE                           | 70                      | F WASTE W/ AT LEAST 1 CHAR           | 227                     |
|   |                         | HAS A K CODE                            | 70                      | K WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 102                     |
| <b>TOTAL</b>  | <b>395</b>              | <b>TOTAL</b>                            | <b>71</b>               | <b>TOTAL</b>                         | <b>328</b>              |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D039, D007, D002, D008, F003, D018, D035, D040, F005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description   | Tons Generated |
|--------------|-------|---|----------------|
| 1            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING           | 454,756        |
| 2            | 2131  | SUPPORT ACTIVITIES FOR MINING                       | 318            |
| 3            | 5621  | WASTE COLLECTION                                    | 274            |
| 4            | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING           | 98             |
| 5            | 2111  | OIL AND GAS EXTRACTION                              | 81             |
| 6            | 3261  | PLASTICS PRODUCT MANUFACTURING                      | 71             |
| 7            | 3323  | ARCHITECTURAL AND STRUCTURAL METALS MANUFACTURING   | 67             |
| 8            | 5622  | WASTE TREATMENT AND DISPOSAL                        | 45             |
| 9            | 4249  | MISCELLANEOUS NONDURABLE GOODS MERCHANT WHOLESALERS | 37             |
| 10           | 3399  | OTHER MISCELLANEOUS MANUFACTURING                   | 31             |
| <b>Total</b> |       |   | <b>455,778</b> |

## NORTH DAKOTA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 3

9 Quantity of RCRA Hazardous Waste Managed: 454,681 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                                  | City     | Tons of Waste Managed |
|-------|--------------|--|----------|-----------------------|
| 1     | NDD006175467 | TESORO REFINING AND MARKETING COMPANY      | MANDAN   | 454,560               |
| 2     | NDD982591794 | WASTE RECOVERY SERVICES, INC.              | BELFIELD | 102                   |
| 3     | NDD000690594 | DAKOTA GASIFICATION COMPANY - GREAT PLAINS | BEULAH   | 19                    |
| Total |              |  |          | 454,681               |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## NORTH DAKOTA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method         | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|---------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT | 454,560                    | 100.0                     | 1                       | 33.3                        |
| ENERGY RECOVERY           | 2                          | 0.0                       | 1                       | 33.3                        |
| FUEL BLENDING             | 102                        | 0.0                       | 1                       | 33.3                        |
| STABILIZATION             | 17                         | 0.0                       | 1                       | 33.3                        |
|                           | 454,681                    | 100.0                     | 3                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method         | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|---------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT | 454,560                    | 100.0                     | 1                       | 33.3                        |
| FUEL BLENDING             | 102                        | 0.0                       | 1                       | 33.3                        |
| STABILIZATION             | 17                         | 0.0                       | 1                       | 33.3                        |
| ENERGY RECOVERY           | 2                          | 0.0                       | 1                       | 33.3                        |
|                           | 454,681                    | 100.0                     | 3                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method         | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|---------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS ORGANIC TREATMENT | 454,560                    | 100.0                     | 1                       | 33.3                        |
| STABILIZATION             | 17                         | 0.0                       | 1                       | 33.3                        |
| FUEL BLENDING             | 102                        | 0.0                       | 1                       | 33.3                        |
| ENERGY RECOVERY           | 2                          | 0.0                       | 1                       | 33.3                        |
|                           | 454,681                    | 100.0                     | 3                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Wastes Managed\*: D001, F003, F005, D002, D004, D018, D039, F002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## NORTH DAKOTA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 18

16 Quantity of RCRA Hazardous Waste Shipped: 1,179

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                 | City        | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|-------------|----------------------------|
| 1            | ND0000232470 | BAKER PRESSURE PUMPING                    | DICKINSON   | 257                        |
| 2            | NDD980957070 | SAFETY-KLEEN SYSTEMS, INC. - BISMARCK     | BISMARCK    | 139                        |
| 3            | NDD000716738 | SAFETY-KLEEN SYSTEMS, INC. - FARGO        | FARGO       | 128                        |
| 4            | NDD053426565 | GOODRICH INTERIORS - PLANT 1              | JAMESTOWN   | 98                         |
| 5            | NDD006175467 | TESORO REFINING AND MARKETING COMPANY     | MANDAN      | 94                         |
| 6            | NDD986270189 | HALLIBURTON ENERGY SERVICES               | WILLISTON   | 81                         |
| 7            | NDD986271872 | DMI INDUSTRIES                            | WEST FARGO  | 67                         |
| 8            | NDD982591794 | WASTE RECOVERY SERVICES, INC.             | BELFIELD    | 45                         |
| 9            | NDR000009027 | CALFRAC WELL SERVICES CORP                | WILLISTON   | 39                         |
| 10           | NDD986267938 | TECTON PRODUCTS, LLC                      | FARGO       | 38                         |
| 11           | NDR000002576 | LM WIND POWER (ND) INC.                   | GRAND FORKS | 33                         |
| 12           | NDR000001214 | FIBERGLASS SPECIALITIES                   | MINOT       | 31                         |
| 13           | NDD089489736 | NORTH DAKOTA STATE UNIVERSITY             | FARGO       | 30                         |
| 14           | NDR000007369 | WILBUR-ELLIS COMPANY                      | MINOT       | 25                         |
| 15           | NDD990872590 | CNH AMERICA LLC                           | FARGO       | 24                         |
| 16           | NDR000009019 | SANJEL WILLISTON DISTRICT 41              | WILLISTON   | 21                         |
| 17           | NDR000008003 | TRAIL KING INDUSTRIES, INC.               | WEST FARGO  | 16                         |
| 18           | ND0000994186 | CROP PRODUCTION SERVICES, INC DBA AGDEPOT | GRAND FORKS | 12                         |
| <b>Total</b> |              |   |             | <b>1,179</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**NORTH DAKOTA**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 3

**19** Quantity of RCRA Hazardous Waste Received: 295 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                             | City     | Quantity Received<br>(Tons) |
|--------------|--------------|---------------------------------------|----------|-----------------------------|
| 1            | NDD982591794 | WASTE RECOVERY SERVICES, INC.         | BELFIELD | 117                         |
| 2            | NDD980957070 | SAFETY-KLEEN SYSTEMS, INC. - BISMARCK | BISMARCK | 93                          |
| 3            | NDD000716738 | SAFETY-KLEEN SYSTEMS, INC. - FARGO    | FARGO    | 85                          |
| <b>Total</b> |              |                                       |          | <b>295</b>                  |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## NORTH DAKOTA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING           | 102                        | 34.5                      | 1                       | 33.3                        |
| STORAGE AND/OR TRANSFER | 193                        | 65.5                      | 3                       | 100.0                       |
|                         | 295                        | 100.0                     | 3                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 193                        | 65.5                      | 3                       | 100.0                       |
| FUEL BLENDING           | 102                        | 34.5                      | 1                       | 33.3                        |
|                         | 295                        | 100.0                     | 3                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 193                        | 65.5                      | 3                       | 100.0                       |
| FUEL BLENDING           | 102                        | 34.5                      | 1                       | 33.3                        |
|                         | 295                        | 100.0                     | 3                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## NORTH DAKOTA

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 1,115 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 84 Tons

**26 North Dakota Interstate Shipment / Receipts (As reported by North Dakota):**

The State to which North Dakota shipped the largest quantity of waste was Illinois (294 tons).

The State that shipped the largest quantity of waste to North Dakota was Montana (36 tons).

## OHIO

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 915

2 Quantity of RCRA Hazardous Waste Generated: 1,617,758 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City             | Total Generated<br>(Tons) |
|--------------|--------------|---|------------------|---------------------------|
| 1            | OHD042157644 | INEOS USA LLC                               | LIMA             | 988,363                   |
| 2            | OHD005048947 | SYSTECH ENVIRONMENTAL CORP                  | PAULDING         | 83,895                    |
| 3            | OHD020273819 | VICKERY ENVIRONMENTAL INC                   | VICKERY          | 45,299                    |
| 4            | OHD048415665 | ROSS INCINERATION SERVICES INC              | GRAFTON          | 35,849                    |
| 5            | OHR000002279 | NORTH STAR BLUESCOPE STEEL LLC              | DELTA            | 30,126                    |
| 6            | OHR000110197 | REPUBLIC STEEL                              | CANTON           | 28,282                    |
| 7            | OHD004234480 | AK STEEL CORP                               | MIDDLETOWN       | 26,542                    |
| 8            | OHD004465100 | TIMKEN COMPANY CANTON PLANTS                | CANTON           | 25,001                    |
| 9            | OHD045243706 | ENVIROSAFE SERVICES OF OHIO INC             | OREGON           | 24,018                    |
| 10           | OHD980613541 | HERITAGE-WTI INC                            | EAST LIVERPOOL   | 22,062                    |
| 11           | OHD071654958 | TOXCO INC                                   | LANCASTER        | 15,574                    |
| 12           | OHD004460143 | PPG INDUSTRIES OHIO INC                     | CLEVELAND        | 12,474                    |
| 13           | OHD004157418 | AK STEEL CORPORATION - MANSFIELD WORKS      | MANSFIELD        | 10,407                    |
| 14           | OHD098435134 | TITANIUM METALS CORPORATION                 | TORONTO          | 10,138                    |
| 15           | OHD004220810 | CHARTER STEEL                               | CUYAHOGA HEIGHTS | 9,848                     |
| 16           | OHD000816629 | SPRING GROVE RESOURCE RECOVERY INC          | CINCINNATI       | 9,181                     |
| 17           | OHD004281598 | AK STEEL CORP ZANESVILLE OPERATIONS         | ZANESVILLE       | 8,928                     |
| 18           | OHR000160002 | NEW LYME METALS, US EPA REMOVAL             | NEW LYME         | 8,617                     |
| 19           | OHD016077802 | V & M STAR                                  | YOUNGSTOWN       | 7,696                     |
| 20           | OHD001926740 | HUKILL CHEMICAL CORP                        | BEDFORD          | 7,388                     |
| 21           | OHD066060609 | CHEMTRON CORP                               | AVON             | 6,740                     |
| 22           | OHD005108477 | HAVERHILL CHEMICALS LLC                     | HAVERHILL        | 6,672                     |
| 23           | OHD004172623 | THE LUBRIZOL CORPORATION                    | PAINESVILLE      | 6,567                     |
| 24           | OHD004304689 | PPG INDUSTRIES OHIO INC                     | CIRCLEVILLE      | 6,022                     |
| 25           | OHD032271975 | NUCOR STEEL MARION INC                      | MARION           | 5,969                     |
| 26           | OHD048782049 | MIDWEST GUARDIAN INC                        | WAPAKONETA       | 5,914                     |
| 27           | OHD083377010 | ENVIRONMENTAL ENTERPRISES INC               | CINCINNATI       | 5,419                     |
| 28           | OHD980897656 | CHEMICAL SOLVENTS INC                       | CLEVELAND        | 4,863                     |
| 29           | OHD004379970 | ORMET PRIMARY ALUMINUM CORP                 | HANNIBAL         | 4,372                     |
| 30           | OHD076796887 | BASF CORPORATION                            | GREENVILLE       | 4,343                     |
| 31           | OHD046632717 | RESEARCH ORGANICS INC                       | CUYAHOGA HEIGHTS | 3,895                     |
| 32           | OHD005045737 | BATTERY RECYCLING INC                       | VAN WERT         | 3,841                     |
| 33           | OHR000164582 | FULTON COUNTY PROCESSING                    | DELTA            | 3,694                     |
| 34           | OHR000007773 | WARREN STEEL HOLDINGS LLC                   | WARREN           | 3,355                     |
| 35           | OHD004210563 | DOVER CHEMICAL CORPORATION                  | DOVER            | 3,160                     |
| 36           | OHD980587364 | CLEAN HARBORS RECYCLING SERVICES OF OHIO LI | HEBRON           | 2,890                     |
| 37           | OHD000721803 | ISP COLUMBUS                                | COLUMBUS         | 2,783                     |
| 38           | OHR000032151 | LIMA REFINING COMPANY                       | LIMA             | 2,692                     |
| 39           | OHR000012617 | OHIO GALVANIZING CORP                       | MARION           | 2,645                     |
| 40           | OHD004855292 | DUPONT ELECTRONIC POLYMERS LP               | DAYTON           | 2,613                     |
| 41           | OHR000157586 | CINTAS CORP                                 | CINCINNATI       | 2,577                     |
| 42           | OHD004347308 | PPG INDUSTRIES OHIO INC                     | DELAWARE         | 2,536                     |
| 43           | OHD005057542 | BP HUSKY REFINING LLC - TOLEDO REFINERY     | OREGON           | 2,379                     |
| 44           | OHD043638691 | TRINITY HIGHWAY PRODUCTS LLC                | LIMA             | 2,315                     |
| 45           | OHD087433744 | CECOS INTERNATIONAL INC                     | WILLIAMSBURG     | 2,297                     |
| 46           | OHD990834483 | THE SCOTTS COMPANY                          | MARYSVILLE       | 2,283                     |
| 47           | OHD051139202 | AMERICAN ELECTRIC POWER CARDINAL PLANT      | BRILLIANT        | 2,135                     |
| 48           | OHD048107049 | MARATHON PETROLEUM COMPANY LP               | CANTON           | 2,096                     |
| 49           | OHD003913308 | GABRIEL PERFORMANCE PRODUCTS                | ASHTABULA        | 1,982                     |
| 50           | OHD081319980 | OHIO PRECIOUS METALS LLC                    | JACKSON          | 1,865                     |
| <b>Total</b> |              |   |                  | <b>1,520,602</b>          |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## OHIO

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 11,937                  | ONLY AN F CODE                | 35,365                  |  |                         |
| ONLY CORROSIVE                        | 54,793                  | ONLY A K CODE                 | 1,067,807               |  |                         |
| ONLY REACTIVE                         | 98                      | ONLY A P CODE                 | 8                       |  |                         |
| ONLY D004-17                          | 54,225                  | ONLY A U CODE                 | 143                     |  |                         |
| ONLY D018-43                          | 6,698                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 54,783                  | HAS MORE THAN ONE LISTED CODE | 3,267                   |  |                         |
| <b>TOTAL</b>                          | <b>182,533</b>          | <b>TOTAL</b>                  | <b>1,106,590</b>        | <b>Both Characteristic and Listed</b>          | <b>328,636</b>          |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 14,680                  |   |                         | IGN. W/ AT LEAST 1 LSTD              | 190,600                 |
| HAS CORROSIVE CODE  | 38,389                  |   |                         | CORR. W/ AT LEAST 1 LSTD             | 227,748                 |
| HAS REACTIVE CODE   | 1,030                   |   |                         | REACT. W/ AT LEAST 1 LSTD            | 22,607                  |
| HAS D004-D017 CODE  | 42,169                  |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 232,350                 |
| HAS D018-D043 CODE  | 15,370                  |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 235,151                 |
|   |                         | HAS AN F CODE                           | 3,253                   | F WASTE W/ AT LEAST 1 CHAR           | 284,396                 |
|   |                         | HAS A K CODE                            | 3,233                   | K WASTE W/ AT LEAST 1 CHAR           | 245,040                 |
|   |                         | HAS A P CODE                            | 35                      | P WASTE W/ AT LEAST 1 CHAR           | 113,083                 |
|   |                         | HAS A U CODE                            | 56                      | U WASTE W/ AT LEAST 1 CHAR           | 217,991                 |
| <b>TOTAL</b>  | <b>54,783</b>           | <b>TOTAL</b>                            | <b>3,267</b>            | <b>TOTAL</b>                         | <b>328,636</b>          |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, F003, D035, D008, F005, D005, D006, D018

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated   |
|--------------|-------|--|------------------|
| 1            | 3251  | BASIC CHEMICAL MANUFACTURING   | 1,023,070        |
| 2            | 5622  | WASTE TREATMENT AND DISPOSAL   | 150,147          |
| 3            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 124,215          |
| 4            | 5621  | WASTE COLLECTION   | 107,401          |
| 5            | 3312  | STEEL PRODUCT MANUFACTURING FROM PURCHASED STEEL                         | 41,881           |
| 6            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                               | 22,109           |
| 7            | 5629  | REMEDIATION AND OTHER WASTE MANAGEMENT SERVICES                          | 21,686           |
| 8            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 20,541           |
| 9            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 17,367           |
| 10           | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING             | 13,987           |
| <b>Total</b> |       |  | <b>1,542,406</b> |

## OHIO

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 51

9 Quantity of RCRA Hazardous Waste Managed: 1,680,479 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City             | Tons of Waste Managed |
|--------------|--------------|--|------------------|-----------------------|
| 1            | OHD042157644 | INEOS USA LLC                              | LIMA             | 988,261               |
| 2            | OHD020273819 | VICKERY ENVIRONMENTAL INC                  | VICKERY          | 152,503               |
| 3            | OHD005048947 | SYSTECH ENVIRONMENTAL CORP                 | PAULDING         | 83,477                |
| 4            | OHD987048733 | LAFARGE NORTH AMERICA                      | PAULDING         | 83,345                |
| 5            | OHD048415665 | ROSS INCINERATION SERVICES INC             | GRAFTON          | 65,355                |
| 6            | OHD980568992 | ENVIRITE OF OHIO INC                       | CANTON           | 60,130                |
| 7            | OHD045243706 | ENVIROSAFE SERVICES OF OHIO INC            | OREGON           | 48,830                |
| 8            | OHD980613541 | HERITAGE-WTI INC                           | EAST LIVERPOOL   | 42,737                |
| 9            | OHD004234480 | AK STEEL CORP                              | MIDDLETOWN       | 26,112                |
| 10           | OHD071654958 | TOXCO INC                                  | LANCASTER        | 19,662                |
| 11           | OHD001926740 | HUKILL CHEMICAL CORP                       | BEDFORD          | 18,162                |
| 12           | OHD004274031 | CLEAN WATER LTD                            | DAYTON           | 14,274                |
| 13           | OHD004304689 | PPG INDUSTRIES OHIO INC                    | CIRCLEVILLE      | 14,182                |
| 14           | OHD004460143 | PPG INDUSTRIES OHIO INC                    | CLEVELAND        | 9,013                 |
| 15           | OHR000160002 | NEW LYME METALS, US EPA REMOVAL            | NEW LYME         | 8,611                 |
| 16           | OHD000816629 | SPRING GROVE RESOURCE RECOVERY INC         | CINCINNATI       | 7,522                 |
| 17           | OHD980587364 | CLEAN HARBORS RECYCLING SERVICES OF OHIO   | HEBRON           | 7,287                 |
| 18           | OHD066060609 | CHEMTRON CORP                              | AVON             | 6,386                 |
| 19           | OHD980897656 | CHEMICAL SOLVENTS INC                      | CLEVELAND        | 5,981                 |
| 20           | OHD005108477 | HAVERHILL CHEMICALS LLC                    | HAVERHILL        | 4,512                 |
| 21           | OHD083377010 | ENVIRONMENTAL ENTERPRISES INC              | CINCINNATI       | 4,317                 |
| 22           | OHD004172623 | THE LUBRIZOL CORPORATION                   | PAINESVILLE      | 3,944                 |
| 23           | OHD051139202 | AMERICAN ELECTRIC POWER CARDINAL PLANT     | BRILLIANT        | 2,129                 |
| 24           | OHR000109819 | USA LAMP & BALLAST RECYCLING INC           | CINCINNATI       | 1,097                 |
| 25           | OHR000034025 | LAMPS INC DBA ENVIRONMENTAL RECYCLING      | BOWLING GREEN    | 1,001                 |
| 26           | OHD005057542 | BP HUSKY REFINING LLC - TOLEDO REFINERY    | OREGON           | 349                   |
| 27           | OHD004172565 | THE LUBRIZOL CORP                          | WICKLIFFE        | 281                   |
| 28           | OHD091620369 | PLASTI-KOTE CO INC                         | MEDINA           | 224                   |
| 29           | OHD004173415 | BEMIS COMPANY INC                          | AKRON            | 195                   |
| 30           | OHD990694416 | ROCHLING GLASTIC COMPOSITES                | CLEVELAND        | 158                   |
| 31           | OHR000024927 | EASTMAN KODAK CO                           | DAYTON           | 140                   |
| 32           | OHD004200044 | PREMIX INC                                 | NORTH KINGSVILLE | 87                    |
| 33           | OHD004293775 | AUSTIN POWDER CO                           | MCARTHUR         | 55                    |
| 34           | OHD153745138 | MOLDED FIBERGLASS COMPOSITE SYSTEMS        | ASHTABULA        | 38                    |
| 35           | OHD041604729 | COLORTREND USA LLC                         | LOCKLAND         | 22                    |
| 36           | OHD986979326 | TESTAMERICA NORTH CANTON                   | NORTH CANTON     | 19                    |
| 37           | OHR000143222 | THREEBOND INTERNATIONAL INC                | MORAINE          | 15                    |
| 38           | OHD076777788 | DA-LITE SCREEN COMPANY LLC, POLACOAT DIVIS | CINCINNATI       | 10                    |
| 39           | OHD007901598 | BATTELLE MEMORIAL INSTITUTE                | COLUMBUS         | 9                     |
| 40           | OHD017730458 | THE CLEVELAND CLINIC FOUNDATION            | CLEVELAND        | 9                     |
| 41           | OHR000039362 | TANK SERVICES INC                          | CANTON           | 8                     |
| 42           | OHR000137414 | TENCOM LTD                                 | HOLLAND          | 8                     |
| 43           | OHR000158121 | BABCOCK & WILCOX CONVERSION SERVICES LLC   | PIKETON          | 6                     |
| 44           | OHD981201064 | NEATON AUTO PRODUCTS MFG INC               | EATON            | 4                     |
| 45           | OHD986966893 | DDI NORTH JACKSON CORP.                    | NORTH JACKSON    | 3                     |
| 46           | OHD987007960 | GOODRICH CORP LANDING GEAR DIV             | CLEVELAND        | 1                     |
| 47           | OH7890008983 | US DOE PORTSMOUTH GASEOUS DIFFUSION PLANT  | PIKETON          | 1                     |
| 48           | OHD987049467 | ALS TRIBOLOGY - CLEVELAND TECHNICAL CENTER | VALLEY VIEW      | 1                     |
| 49           | OHR000153163 | CENTRAL MUTUAL INSURANCE CO                | VAN WERT         | 1                     |
| 50           | OHD042311209 | ASHLAND INC                                | DUBLIN           | 1                     |
| <b>Total</b> |              |  |                  | <b>1,680,478</b>      |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## OHIO

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT       | 14,509                     | 0.9                       | 3                       | 5.9                         |
| AQUEOUS ORGANIC TREATMENT         | 398                        | 0.0                       | 1                       | 2.0                         |
| DEEPWELL OR UNDERGROUND INJECTION | 1,166,876                  | 69.4                      | 3                       | 5.9                         |
| ENERGY RECOVERY                   | 88,804                     | 5.3                       | 3                       | 5.9                         |
| FUEL BLENDING                     | 109,089                    | 6.5                       | 7                       | 13.7                        |
| INCINERATION                      | 126,218                    | 7.5                       | 4                       | 7.8                         |
| LANDFILL/SURFACE IMPOUNDMENT      | 48,830                     | 2.9                       | 1                       | 2.0                         |
| METALS RECOVERY                   | 3,749                      | 0.2                       | 6                       | 11.8                        |
| OTHER DISPOSAL                    | 17,080                     | 1.0                       | 5                       | 9.8                         |
| OTHER RECOVERY                    | 19,312                     | 1.1                       | 2                       | 3.9                         |
| OTHER TREATMENT                   | 4,348                      | 0.3                       | 12                      | 23.5                        |
| SOLVENTS RECOVERY                 | 29,963                     | 1.8                       | 17                      | 33.3                        |
| STABILIZATION                     | 51,303                     | 3.1                       | 4                       | 7.8                         |
|                                   | 1,680,479                  | 100.0                     | 51                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| DEEPWELL OR UNDERGROUND INJECTION | 1,166,876                  | 69.4                      | 3                       | 5.9                         |
| INCINERATION                      | 126,218                    | 7.5                       | 4                       | 7.8                         |
| FUEL BLENDING                     | 109,089                    | 6.5                       | 7                       | 13.7                        |
| ENERGY RECOVERY                   | 88,804                     | 5.3                       | 3                       | 5.9                         |
| STABILIZATION                     | 51,303                     | 3.1                       | 4                       | 7.8                         |
| LANDFILL/SURFACE IMPOUNDMENT      | 48,830                     | 2.9                       | 1                       | 2.0                         |
| SOLVENTS RECOVERY                 | 29,963                     | 1.8                       | 17                      | 33.3                        |
| OTHER RECOVERY                    | 19,312                     | 1.1                       | 2                       | 3.9                         |
| OTHER DISPOSAL                    | 17,080                     | 1.0                       | 5                       | 9.8                         |
| AQUEOUS INORGANIC TREATMENT       | 14,509                     | 0.9                       | 3                       | 5.9                         |
| OTHER TREATMENT                   | 4,348                      | 0.3                       | 12                      | 23.5                        |
| METALS RECOVERY                   | 3,749                      | 0.2                       | 6                       | 11.8                        |
| AQUEOUS ORGANIC TREATMENT         | 398                        | 0.0                       | 1                       | 2.0                         |
|                                   | 1,680,479                  | 100.0                     | 51                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY                 | 29,963                     | 1.8                       | 17                      | 33.3                        |
| OTHER TREATMENT                   | 4,348                      | 0.3                       | 12                      | 23.5                        |
| FUEL BLENDING                     | 109,089                    | 6.5                       | 7                       | 13.7                        |
| METALS RECOVERY                   | 3,749                      | 0.2                       | 6                       | 11.8                        |
| OTHER DISPOSAL                    | 17,080                     | 1.0                       | 5                       | 9.8                         |
| INCINERATION                      | 126,218                    | 7.5                       | 4                       | 7.8                         |
| STABILIZATION                     | 51,303                     | 3.1                       | 4                       | 7.8                         |
| AQUEOUS INORGANIC TREATMENT       | 14,509                     | 0.9                       | 3                       | 5.9                         |
| DEEPWELL OR UNDERGROUND INJECTION | 1,166,876                  | 69.4                      | 3                       | 5.9                         |
| ENERGY RECOVERY                   | 88,804                     | 5.3                       | 3                       | 5.9                         |
| OTHER RECOVERY                    | 19,312                     | 1.1                       | 2                       | 3.9                         |
| LANDFILL/SURFACE IMPOUNDMENT      | 48,830                     | 2.9                       | 1                       | 2.0                         |
| AQUEOUS ORGANIC TREATMENT         | 398                        | 0.0                       | 1                       | 2.0                         |
|                                   | 1,680,479                  | 100.0                     | 51                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D002, F003, D007, D008, F005, F002, D035, D039, D040

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## OHIO

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 909

16 Quantity of RCRA Hazardous Waste Shipped: 565,599

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                | City             | Quantity Shipped<br>(Tons) |
|--------------|--------------|--|------------------|----------------------------|
| 1            | OHD005048947 | SYSTECH ENVIRONMENTAL CORP               | PAULDING         | 83,749                     |
| 2            | OHD048415665 | ROSS INCINERATION SERVICES INC           | GRAFTON          | 37,228                     |
| 3            | OHR000002279 | NORTH STAR BLUESCOPE STEEL LLC           | DELTA            | 30,126                     |
| 4            | OHR000110197 | REPUBLIC STEEL                           | CANTON           | 28,282                     |
| 5            | OHD004465100 | TIMKEN COMPANY CANTON PLANTS             | CANTON           | 25,001                     |
| 6            | OHD045243706 | ENVIROSAFE SERVICES OF OHIO INC          | OREGON           | 23,799                     |
| 7            | OHD980613541 | HERITAGE-WTI INC                         | EAST LIVERPOOL   | 22,491                     |
| 8            | OHD093945293 | VEOLIA ES TECHNICAL SOLUTIONS LLC        | WEST CARROLLTON  | 14,976                     |
| 9            | OHD066060609 | CHEMTRON CORP                            | AVON             | 14,670                     |
| 10           | OHD071654958 | TOXCO INC                                | LANCASTER        | 14,668                     |
| 11           | OHD000816629 | SPRING GROVE RESOURCE RECOVERY INC       | CINCINNATI       | 13,989                     |
| 12           | OHD004157418 | AK STEEL CORPORATION - MANSFIELD WORKS   | MANSFIELD        | 10,407                     |
| 13           | OHD098435134 | TITANIUM METALS CORPORATION              | TORONTO          | 10,138                     |
| 14           | OHD004220810 | CHARTER STEEL                            | CUYAHOGA HEIGHTS | 9,848                      |
| 15           | OHD004281598 | AK STEEL CORP ZANESVILLE OPERATIONS      | ZANESVILLE       | 8,928                      |
| 16           | OHD001926740 | HUKILL CHEMICAL CORP                     | BEDFORD          | 8,369                      |
| 17           | OHD980587364 | CLEAN HARBORS RECYCLING SERVICES OF OHIO | HEBRON           | 8,057                      |
| 18           | OHD083377010 | ENVIRONMENTAL ENTERPRISES INC            | CINCINNATI       | 7,799                      |
| 19           | OHD016077802 | V & M STAR                               | YOUNGSTOWN       | 7,696                      |
| 20           | OHD980897656 | CHEMICAL SOLVENTS INC                    | CLEVELAND        | 6,291                      |
| 21           | OHD032271975 | NUCOR STEEL MARION INC                   | MARION           | 5,969                      |
| 22           | OHD048782049 | MIDWEST GUARDIAN INC                     | WAPAKONETA       | 5,914                      |
| 23           | OHD004379970 | ORMET PRIMARY ALUMINUM CORP              | HANNIBAL         | 4,372                      |
| 24           | OHD076796887 | BASF CORPORATION                         | GREENVILLE       | 4,343                      |
| 25           | OHD046632717 | RESEARCH ORGANICS INC                    | CUYAHOGA HEIGHTS | 3,895                      |
| 26           | OHD005045737 | BATTERY RECYCLING INC                    | VAN WERT         | 3,823                      |
| 27           | OHR000164582 | FULTON COUNTY PROCESSING                 | DELTA            | 3,694                      |
| 28           | OHD004460143 | PPG INDUSTRIES OHIO INC                  | CLEVELAND        | 3,429                      |
| 29           | OHR000007773 | WARREN STEEL HOLDINGS LLC                | WARREN           | 3,355                      |
| 30           | OHD004210563 | DOVER CHEMICAL CORPORATION               | DOVER            | 3,320                      |
| 31           | OHD980568992 | ENVIRITE OF OHIO INC                     | CANTON           | 3,086                      |
| 32           | OHD004304689 | PPG INDUSTRIES OHIO INC                  | CIRCLEVILLE      | 3,060                      |
| 33           | OHD000721803 | ISP COLUMBUS                             | COLUMBUS         | 2,783                      |
| 34           | OHR000032151 | LIMA REFINING COMPANY                    | LIMA             | 2,724                      |
| 35           | OHR000012617 | OHIO GALVANIZING CORP                    | MARION           | 2,645                      |
| 36           | OHD004855292 | DUPONT ELECTRONIC POLYMERS LP            | DAYTON           | 2,613                      |
| 37           | OHD004172623 | THE LUBRIZOL CORPORATION                 | PAINESVILLE      | 2,582                      |
| 38           | OHR000157586 | CINTAS CORP                              | CINCINNATI       | 2,577                      |
| 39           | OHD004347308 | PPG INDUSTRIES OHIO INC                  | DELAWARE         | 2,536                      |
| 40           | OHD005057542 | BP HUSKY REFINING LLC - TOLEDO REFINERY  | OREGON           | 2,379                      |
| 41           | OHD043638691 | TRINITY HIGHWAY PRODUCTS LLC             | LIMA             | 2,315                      |
| 42           | OHD990834483 | THE SCOTTS COMPANY                       | MARYSVILLE       | 2,283                      |
| 43           | OHD048107049 | MARATHON PETROLEUM COMPANY LP            | CANTON           | 2,096                      |
| 44           | OHD087433744 | CECOS INTERNATIONAL INC                  | WILLIAMSBURG     | 2,049                      |
| 45           | OHD003913308 | GABRIEL PERFORMANCE PRODUCTS             | ASHTABULA        | 1,990                      |
| 46           | OHD081319980 | OHIO PRECIOUS METALS LLC                 | JACKSON          | 1,865                      |
| 47           | OHD004288890 | AKZO NOBEL COATINGS INC                  | COLUMBUS         | 1,857                      |
| 48           | OHD004227708 | REPUBLIC STEEL - MASSILLON CFB           | MASSILLON        | 1,733                      |
| 49           | OHD042708586 | AMERICAN SPRING WIRE CORPORATION         | BEDFORD HEIGHTS  | 1,709                      |
| 50           | OHD005041843 | DUPONT AUTOMOTIVE TOLEDO PLANT           | TOLEDO           | 1,574                      |
| <b>Total</b> |              |  |                  | <b>475,083</b>             |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## OHIO

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 23

19 Quantity of RCRA Hazardous Waste Received: 621,070 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City                 | Quantity Received<br>(Tons) |
|--------------|--------------|--|----------------------|-----------------------------|
| 1            | OHD020273819 | VICKERY ENVIRONMENTAL INC                    | VICKERY              | 107,889                     |
| 2            | OHD005048947 | SYSTECH ENVIRONMENTAL CORP                   | PAULDING             | 83,477                      |
| 3            | OHD987048733 | LAFARGE NORTH AMERICA                        | PAULDING             | 83,345                      |
| 4            | OHD048415665 | ROSS INCINERATION SERVICES INC               | GRAFTON              | 66,480                      |
| 5            | OHD980568992 | ENVIRITE OF OHIO INC                         | CANTON               | 63,607                      |
| 6            | OHD045243706 | ENVIROSAFE SERVICES OF OHIO INC              | OREGON               | 48,602                      |
| 7            | OHD980613541 | HERITAGE-WTI INC                             | EAST LIVERPOOL       | 43,107                      |
| 8            | OHD071654958 | TOXCO INC                                    | LANCASTER            | 19,075                      |
| 9            | OHD001926740 | HUKILL CHEMICAL CORP                         | BEDFORD              | 15,965                      |
| 10           | OHD004274031 | CLEAN WATER LTD                              | DAYTON               | 14,448                      |
| 11           | OHD066060609 | CHEMTRON CORP                                | AVON                 | 14,133                      |
| 12           | OHD093945293 | VEOLIA ES TECHNICAL SOLUTIONS LLC            | WEST CARROLLTON      | 13,776                      |
| 13           | OHD000816629 | SPRING GROVE RESOURCE RECOVERY INC           | CINCINNATI           | 12,454                      |
| 14           | OHD004304689 | PPG INDUSTRIES OHIO INC                      | CIRCLEVILLE          | 11,241                      |
| 15           | OHD980587364 | CLEAN HARBORS RECYCLING SERVICES OF OHIO LLC | HEBRON               | 7,200                       |
| 16           | OHD083377010 | ENVIRONMENTAL ENTERPRISES INC                | CINCINNATI           | 6,971                       |
| 17           | OHD980897656 | CHEMICAL SOLVENTS INC                        | CLEVELAND            | 6,403                       |
| 18           | OHR000109819 | USA LAMP & BALLAST RECYCLING INC             | CINCINNATI           | 1,097                       |
| 19           | OHR000034025 | LAMPS INC DBA ENVIRONMENTAL RECYCLING        | BOWLING GREEN        | 1,001                       |
| 20           | OHD005057542 | BP HUSKY REFINING LLC - TOLEDO REFINERY      | OREGON               | 349                         |
| 21           | OHD980821862 | KLOR KLEEN INC                               | CINCINNATI           | 273                         |
| 22           | OHD074700311 | NEXEO SOLUTIONS, LLC                         | DAYTON               | 178                         |
| 23           | OH7571724312 | DEPARTMENT OF THE AIR FORCE BASE AREA B      | WRIGHT-PATTERSON AFB | 0                           |
| <b>Total</b> |              |  |                      | <b>621,070</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## OHIO

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT       | 14,469                     | 2.3                       | 2                       | 8.7                         |
| AQUEOUS ORGANIC TREATMENT         | 398                        | 0.1                       | 1                       | 4.3                         |
| DEEPWELL OR UNDERGROUND INJECTION | 107,889                    | 17.4                      | 1                       | 4.3                         |
| ENERGY RECOVERY                   | 84,292                     | 13.6                      | 2                       | 8.7                         |
| FUEL BLENDING                     | 105,222                    | 16.9                      | 7                       | 30.4                        |
| INCINERATION                      | 118,688                    | 19.1                      | 3                       | 13.0                        |
| LANDFILL/SURFACE IMPOUNDMENT      | 48,602                     | 7.8                       | 1                       | 4.3                         |
| METALS RECOVERY                   | 3,747                      | 0.6                       | 5                       | 21.7                        |
| OTHER DISPOSAL                    | 16,921                     | 2.7                       | 3                       | 13.0                        |
| OTHER RECOVERY                    | 19,312                     | 3.1                       | 2                       | 8.7                         |
| OTHER TREATMENT                   | 1,031                      | 0.2                       | 2                       | 8.7                         |
| SOLVENTS RECOVERY                 | 20,453                     | 3.3                       | 3                       | 13.0                        |
| STABILIZATION                     | 42,654                     | 6.9                       | 2                       | 8.7                         |
| STORAGE AND/OR TRANSFER           | 37,391                     | 6.0                       | 15                      | 65.2                        |
|                                   | 621,070                    | 100.0                     | 23                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION                      | 118,688                    | 19.1                      | 3                       | 13.0                        |
| DEEPWELL OR UNDERGROUND INJECTION | 107,889                    | 17.4                      | 1                       | 4.3                         |
| FUEL BLENDING                     | 105,222                    | 16.9                      | 7                       | 30.4                        |
| ENERGY RECOVERY                   | 84,292                     | 13.6                      | 2                       | 8.7                         |
| LANDFILL/SURFACE IMPOUNDMENT      | 48,602                     | 7.8                       | 1                       | 4.3                         |
| STABILIZATION                     | 42,654                     | 6.9                       | 2                       | 8.7                         |
| STORAGE AND/OR TRANSFER           | 37,391                     | 6.0                       | 15                      | 65.2                        |
| SOLVENTS RECOVERY                 | 20,453                     | 3.3                       | 3                       | 13.0                        |
| OTHER RECOVERY                    | 19,312                     | 3.1                       | 2                       | 8.7                         |
| OTHER DISPOSAL                    | 16,921                     | 2.7                       | 3                       | 13.0                        |
| AQUEOUS INORGANIC TREATMENT       | 14,469                     | 2.3                       | 2                       | 8.7                         |
| METALS RECOVERY                   | 3,747                      | 0.6                       | 5                       | 21.7                        |
| OTHER TREATMENT                   | 1,031                      | 0.2                       | 2                       | 8.7                         |
| AQUEOUS ORGANIC TREATMENT         | 398                        | 0.1                       | 1                       | 4.3                         |
|                                   | 621,070                    | 100.0                     | 23                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method                 | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER           | 37,391                     | 6.0                       | 15                      | 65.2                        |
| FUEL BLENDING                     | 105,222                    | 16.9                      | 7                       | 30.4                        |
| METALS RECOVERY                   | 3,747                      | 0.6                       | 5                       | 21.7                        |
| INCINERATION                      | 118,688                    | 19.1                      | 3                       | 13.0                        |
| OTHER DISPOSAL                    | 16,921                     | 2.7                       | 3                       | 13.0                        |
| SOLVENTS RECOVERY                 | 20,453                     | 3.3                       | 3                       | 13.0                        |
| AQUEOUS INORGANIC TREATMENT       | 14,469                     | 2.3                       | 2                       | 8.7                         |
| STABILIZATION                     | 42,654                     | 6.9                       | 2                       | 8.7                         |
| OTHER RECOVERY                    | 19,312                     | 3.1                       | 2                       | 8.7                         |
| OTHER TREATMENT                   | 1,031                      | 0.2                       | 2                       | 8.7                         |
| ENERGY RECOVERY                   | 84,292                     | 13.6                      | 2                       | 8.7                         |
| DEEPWELL OR UNDERGROUND INJECTION | 107,889                    | 17.4                      | 1                       | 4.3                         |
| LANDFILL/SURFACE IMPOUNDMENT      | 48,602                     | 7.8                       | 1                       | 4.3                         |
| AQUEOUS ORGANIC TREATMENT         | 398                        | 0.1                       | 1                       | 4.3                         |
|                                   | 621,070                    | 100.0                     | 23                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**OHIO**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 269,743 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 362,479 Tons

**26 Ohio Interstate Shipment / Receipts (As reported by Ohio):**

The State to which Ohio shipped the largest quantity of waste was Michigan (105,507 tons).

The State that shipped the largest quantity of waste to Ohio was Michigan (67,386 tons).

## OKLAHOMA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 200

2 Quantity of RCRA Hazardous Waste Generated: 44,294 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City          | Total Generated<br>(Tons) |
|--------------|--------------|--|---------------|---------------------------|
| 1            | OKD065438376 | CLEAN HARBORS LONE MOUNTAIN LLC              | ORIENTA       | 11,991                    |
| 2            | OKD007233836 | CONOCOPHILLIPS PONCA CITY REFINERY           | PONCA CITY    | 3,862                     |
| 3            | OKD072424104 | BAKER PETROLITE CORPORATION                  | SAND SPRINGS  | 2,798                     |
| 4            | OKD057705972 | VALERO REFINING COMPANY-OK DBA VALERO ARDI   | ARDMORE       | 2,782                     |
| 5            | OKD990750960 | HOLLY REFINING & MARKETING - TULSA LLC       | TULSA         | 2,439                     |
| 6            | OKD058078775 | HOLLY FRONTIER REFINING & MARKETING -TULSA L | TULSA         | 1,671                     |
| 7            | OK6213822798 | MCALISTER ARMY AMMUNITION PLANT              | MCALISTER     | 1,624                     |
| 8            | OKD099714354 | OKLAHOMA STEEL & WIRE CO., INC.              | MADILL        | 1,378                     |
| 9            | OKR000026013 | MID AMERICAN STEEL & WIRE CO.                | MADILL        | 1,320                     |
| 10           | OK1571724391 | TINKER AIR FORCE BASE                        | TINKER AFB    | 1,175                     |
| 11           | OKD000402396 | EQ OKLAHOMA                                  | TULSA         | 888                       |
| 12           | OKD001824564 | AMERICAN AIRLINES, INC. M & E CENTER         | TULSA         | 866                       |
| 13           | OKR000004721 | VALMONT COATINGS - OKLAHOMA GALVANIZING      | CLAREMORE     | 781                       |
| 14           | OKD181233057 | AMERICAN AIRLINES, INC.-WHEEL AND BRAKE CENT | TULSA         | 772                       |
| 15           | OKD000396549 | WYNNEWOOD REFINING COMPANY                   | WYNNEWOOD     | 717                       |
| 16           | OKD007218167 | NORTH AMERICAN GALVANIZING COMPANY           | TULSA         | 614                       |
| 17           | OKD007188097 | SOUTHWESTERN WIRE                            | NORMAN        | 611                       |
| 18           | OKD987085859 | LMI FINISHING, INC                           | TULSA         | 552                       |
| 19           | OKD007218340 | SOUTHWEST UNITED INDUSTRIES                  | TULSA         | 538                       |
| 20           | OKR000002832 | AIR PRODUCTS AND CHEMICALS, INC.             | CATOOSA       | 443                       |
| 21           | OKD007207129 | GEMINI COATINGS, INC.                        | EL RENO       | 376                       |
| 22           | OKD980878474 | SAFETY-KLEEN SYSTEMS, INC                    | OKLAHOMA CITY | 325                       |
| 23           | OKD987097151 | TRICAT INC                                   | MCALISTER     | 313                       |
| 24           | OKD064551880 | INTERPLASTIC CORPORATION                     | PRYOR         | 289                       |
| 25           | OKT410010375 | NATURAL GAS PIPELINE OF AMERICA - COMPRESSC  | MOUNTAIN VIEW | 245                       |
| 26           | OKD061631354 | CROSBY GROUP - MCKISSICK PRODUCTS            | TULSA         | 221                       |
| 27           | OKD007220262 | SPIRIT AEROSYSTEMS, INC.                     | TULSA         | 215                       |
| 28           | OKD987084183 | PLIANT CORPORATION                           | MCALISTER     | 186                       |
| 29           | OKD000763821 | SAFETY-KLEEN SYSTEMS, INC                    | TULSA         | 171                       |
| 30           | OKD000814202 | NALCO CHEMICAL - TULSA                       | TULSA         | 166                       |
| 31           | OKD062267448 | IMATION CORP.                                | WEATHERFORD   | 165                       |
| 32           | OKR000015677 | IC BUS OF OKLAHOMA, LLC                      | TULSA         | 164                       |
| 33           | OKD007194475 | KIMRAY INC.                                  | OKLAHOMA CITY | 141                       |
| 34           | OKD981597917 | HONEYWELL INTERNATIONAL INC.                 | TULSA         | 139                       |
| 35           | OK0690540000 | US FAA MIKE MONRONEY AERONAUTICAL CENTER     | OKLAHOMA CITY | 133                       |
| 36           | OKR000021519 | AXH AIR COOLERS                              | CLAREMORE     | 132                       |
| 37           | OKD078648888 | EXPLORER PIPELINE COMPANY                    | GLENPOOL      | 130                       |
| 38           | OKP410180488 | NATURAL GAS PIPELINE OF AMERICA - COMPRESSC  | RATLIFF CITY  | 128                       |
| 39           | OKR000017822 | NORDAM INTERIORS AND STRUCTURES DIVISION     | TULSA         | 125                       |
| 40           | OKR000019430 | SOUTHWEST UNITED INDUSTRIES, INC.            | OKLAHOMA CITY | 95                        |
| 41           | OKD079981874 | GABRIEL RIDE CONTROL NORTH AMERICA LLC       | CHICKASHA     | 92                        |
| 42           | OKD980864052 | NORDAM REPAIR DIVISION                       | TULSA         | 89                        |
| 43           | OKR000016683 | WILCO MACHINE AND FAB                        | MARLOW        | 87                        |
| 44           | OKD062885975 | JULIAN LUMBER COMPANY, INC.                  | ANTLERS       | 86                        |
| 45           | OKD007224710 | SAINT-GOBAIN CONTAINERS, INC.                | SAPULPA       | 86                        |
| 46           | OK0000118851 | DEEPWATER CHEMICALS, INC.                    | WOODWARD      | 79                        |
| 47           | OKR000017327 | EASTMAN KODAK                                | WEATHERFORD   | 74                        |
| 48           | OKD043440999 | ARMSTRONG WORLD INDUSTRIES, INC.             | STILLWATER    | 74                        |
| 49           | OKD981909849 | KING AEROSPACE COMMERCIAL CORPORATION        | ARDMORE       | 71                        |
| 50           | OKR000013565 | DMI INDUSTRIES                               | TULSA         | 70                        |
| <b>Total</b> |              |  |               | <b>42,489</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## OKLAHOMA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 1,229                   | ONLY AN F CODE                | 9,411                   |  |                         |
| ONLY CORROSIVE                        | 1,224                   | ONLY A K CODE                 | 5,416                   |  |                         |
| ONLY REACTIVE                         | 1,565                   | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 3,170                   | ONLY A U CODE                 | 4                       |  |                         |
| ONLY D018-43                          | 636                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 5,025                   | HAS MORE THAN ONE LISTED CODE | 1,919                   |  |                         |
| <b>TOTAL</b>                          | <b>12,850</b>           | <b>TOTAL</b>                  | <b>16,750</b>           | <b>Both Characteristic and Listed</b>          | <b>14,692</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 1,020                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 5,702                   |
| HAS CORROSIVE CODE  | 4,028                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 6,572                   |
| HAS REACTIVE CODE   | 61                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 398                     |
| HAS D004-D017 CODE  | 4,294                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 8,747                   |
| HAS D018-D043 CODE  | 729                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 8,031                   |
|   |                         | HAS AN F CODE                           | 1,919                   | F WASTE W/ AT LEAST 1 CHAR           | 11,751                  |
|   |                         | HAS A K CODE                            | 1,919                   | K WASTE W/ AT LEAST 1 CHAR           | 8,071                   |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 15                      |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 200                     |
| <b>TOTAL</b>  | <b>5,025</b>            | <b>TOTAL</b>                            | <b>1,919</b>            | <b>TOTAL</b>                         | <b>14,692</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D007, D008, D002, F003, D035, F005, D006, D018, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 5622  | WASTE TREATMENT AND DISPOSAL                             | 12,878         |
| 2            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                | 11,476         |
| 3            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING     | 3,374          |
| 4            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES | 2,277          |
| 5            | 3329  | OTHER FABRICATED METAL PRODUCT MANUFACTURING             | 2,013          |
| 6            | 3326  | SPRING AND WIRE PRODUCT MANUFACTURING                    | 1,989          |
| 7            | 4811  | SCHEDULED AIR TRANSPORTATION                             | 1,688          |
| 8            | 4881  | SUPPORT ACTIVITIES FOR AIR TRANSPORTATION                | 1,379          |
| 9            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING        | 1,320          |
| 10           | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                | 1,209          |
| <b>Total</b> |       |  | <b>39,603</b>  |

## OKLAHOMA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 16

9 Quantity of RCRA Hazardous Waste Managed: 109,238 Tons

## 10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                      | City          | Tons of Waste Managed |
|--------------|--------------|--|---------------|-----------------------|
| 1            | OKD065438376 | CLEAN HARBORS LONE MOUNTAIN LLC                | ORIENTA       | 101,146               |
| 2            | OKD000402396 | EQ OKLAHOMA                                    | TULSA         | 2,698                 |
| 3            | OKD987097151 | TRICAT INC                                     | MCALESTER     | 2,475                 |
| 4            | OK6213822798 | MCALESTER ARMY AMMUNITION PLANT                | MCALESTER     | 1,485                 |
| 5            | OKD181233057 | AMERICAN AIRLINES, INC.-WHEEL AND BRAKE CEN    | TULSA         | 663                   |
| 6            | OKD064551880 | INTERPLASTIC CORPORATION                       | PRYOR         | 278                   |
| 7            | OKD007207129 | GEMINI COATINGS, INC.                          | EL RENO       | 174                   |
| 8            | OK0690540000 | US FAA MIKE MONRONEY AERONAUTICAL CENTER       | OKLAHOMA CITY | 122                   |
| 9            | OKD007194475 | KIMRAY INC.                                    | OKLAHOMA CITY | 65                    |
| 10           | OKD001824564 | AMERICAN AIRLINES, INC. M & E CENTER           | TULSA         | 53                    |
| 11           | OKD987095304 | DIVERSIFIED TEXTILE SERVICES, LLC (DBA; R3 INC | BARTLESVILLE  | 43                    |
| 12           | OKD982293334 | ENVIRONMENTAL MANAGEMENT, INC.                 | GUTHRIE       | 14                    |
| 13           | OKD007217748 | FIBER GLASS SYSTEMS                            | SAND SPRINGS  | 12                    |
| 14           | OKR000013896 | DIANON SYSTEMS, INC                            | OKLAHOMA CITY | 9                     |
| 15           | OKD061627758 | CHROMIUM PLATING COMPANY                       | TULSA         | 2                     |
| 16           | OKD987084860 | JOHN ZINK COMPANY, L.L.C.                      | TULSA         | 0                     |
| <b>Total</b> |              |  |               | <b>109,238</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## OKLAHOMA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 2,855                      | 2.6                       | 3                       | 18.8                        |
| FUEL BLENDING                | 13                         | 0.0                       | 1                       | 6.3                         |
| INCINERATION                 | 1,486                      | 1.4                       | 2                       | 12.5                        |
| LANDFILL/SURFACE IMPOUNDMENT | 88,473                     | 81.0                      | 1                       | 6.3                         |
| OTHER DISPOSAL               | 461                        | 0.4                       | 2                       | 12.5                        |
| OTHER RECOVERY               | 2,540                      | 2.3                       | 2                       | 12.5                        |
| OTHER TREATMENT              | 12,963                     | 11.9                      | 3                       | 18.8                        |
| SOLVENTS RECOVERY            | 226                        | 0.2                       | 4                       | 25.0                        |
| STABILIZATION                | 221                        | 0.2                       | 3                       | 18.8                        |
|                              | 109,238                    | 100.0                     | 16                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 88,473                     | 81.0                      | 1                       | 6.3                         |
| OTHER TREATMENT              | 12,963                     | 11.9                      | 3                       | 18.8                        |
| AQUEOUS INORGANIC TREATMENT  | 2,855                      | 2.6                       | 3                       | 18.8                        |
| OTHER RECOVERY               | 2,540                      | 2.3                       | 2                       | 12.5                        |
| INCINERATION                 | 1,486                      | 1.4                       | 2                       | 12.5                        |
| OTHER DISPOSAL               | 461                        | 0.4                       | 2                       | 12.5                        |
| SOLVENTS RECOVERY            | 226                        | 0.2                       | 4                       | 25.0                        |
| STABILIZATION                | 221                        | 0.2                       | 3                       | 18.8                        |
| FUEL BLENDING                | 13                         | 0.0                       | 1                       | 6.3                         |
|                              | 109,238                    | 100.0                     | 16                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY            | 226                        | 0.2                       | 4                       | 25.0                        |
| AQUEOUS INORGANIC TREATMENT  | 2,855                      | 2.6                       | 3                       | 18.8                        |
| STABILIZATION                | 221                        | 0.2                       | 3                       | 18.8                        |
| OTHER TREATMENT              | 12,963                     | 11.9                      | 3                       | 18.8                        |
| INCINERATION                 | 1,486                      | 1.4                       | 2                       | 12.5                        |
| OTHER RECOVERY               | 2,540                      | 2.3                       | 2                       | 12.5                        |
| OTHER DISPOSAL               | 461                        | 0.4                       | 2                       | 12.5                        |
| LANDFILL/SURFACE IMPOUNDMENT | 88,473                     | 81.0                      | 1                       | 6.3                         |
| FUEL BLENDING                | 13                         | 0.0                       | 1                       | 6.3                         |
|                              | 109,238                    | 100.0                     | 16                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D007, D008, D002, D006, D005, D010, D004, D011, D009, D001

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## OKLAHOMA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 190

16 Quantity of RCRA Hazardous Waste Shipped: 29,941

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City          | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|---------------|----------------------------|
| 1            | OKD007233836 | CONOCOPHILLIPS PONCA CITY REFINERY          | PONCA CITY    | 3,704                      |
| 2            | OKD072424104 | BAKER PETROLITE CORPORATION                 | SAND SPRINGS  | 2,798                      |
| 3            | OKD057705972 | VALERO REFINING COMPANY-OK DBA VALERO ARI   | ARDMORE       | 2,782                      |
| 4            | OKD990750960 | HOLLY REFINING & MARKETING - TULSA LLC      | TULSA         | 2,338                      |
| 5            | OKD058078775 | HOLLY FRONTIER REFINING & MARKETING -TULSA  | TULSA         | 1,671                      |
| 6            | OKD099714354 | OKLAHOMA STEEL & WIRE CO., INC.             | MADILL        | 1,378                      |
| 7            | OKD000402396 | EQ OKLAHOMA                                 | TULSA         | 1,338                      |
| 8            | OKR000026013 | MID AMERICAN STEEL & WIRE CO.               | MADILL        | 1,320                      |
| 9            | OK1571724391 | TINKER AIR FORCE BASE                       | TINKER AFB    | 1,175                      |
| 10           | OKD001824564 | AMERICAN AIRLINES, INC. M & E CENTER        | TULSA         | 813                        |
| 11           | OKR000004721 | VALMONT COATINGS - OKLAHOMA GALVANIZING     | CLAREMORE     | 781                        |
| 12           | OKD000396549 | WYNNEWOOD REFINING COMPANY                  | WYNNEWOOD     | 717                        |
| 13           | OKD007218167 | NORTH AMERICAN GALVANIZING COMPANY          | TULSA         | 614                        |
| 14           | OKD007188097 | SOUTHWESTERN WIRE                           | NORMAN        | 611                        |
| 15           | OKD987085859 | LMI FINISHING, INC                          | TULSA         | 552                        |
| 16           | OKD980878474 | SAFETY-KLEEN SYSTEMS, INC                   | OKLAHOMA CITY | 544                        |
| 17           | OKD007218340 | SOUTHWEST UNITED INDUSTRIES                 | TULSA         | 538                        |
| 18           | OKR000002832 | AIR PRODUCTS AND CHEMICALS, INC.            | CATOOSA       | 443                        |
| 19           | OKD000763821 | SAFETY-KLEEN SYSTEMS, INC                   | TULSA         | 388                        |
| 20           | OKD987097151 | TRICAT INC                                  | MCALESTER     | 267                        |
| 21           | OKT410010375 | NATURAL GAS PIPELINE OF AMERICA - COMPRESS  | MOUNTAIN VIEW | 245                        |
| 22           | OKD061631354 | CROSBY GROUP - MCKISSICK PRODUCTS           | TULSA         | 221                        |
| 23           | OKD007220262 | SPIRIT AEROSYSTEMS, INC.                    | TULSA         | 215                        |
| 24           | OKD007207129 | GEMINI COATINGS, INC.                       | EL RENO       | 197                        |
| 25           | OKD987084183 | PLIANT CORPORATION                          | MCALESTER     | 186                        |
| 26           | OKD000814202 | NALCO CHEMICAL - TULSA                      | TULSA         | 166                        |
| 27           | OKD062267448 | IMATION CORP.                               | WEATHERFORD   | 165                        |
| 28           | OKR000015677 | IC BUS OF OKLAHOMA, LLC                     | TULSA         | 164                        |
| 29           | OKD981597917 | HONEYWELL INTERNATIONAL INC.                | TULSA         | 139                        |
| 30           | OK6213822798 | MCALESTER ARMY AMMUNITION PLANT             | MCALESTER     | 138                        |
| 31           | OKR000021519 | AXH AIR COOLERS                             | CLAREMORE     | 132                        |
| 32           | OKD078648888 | EXPLORER PIPELINE COMPANY                   | GLENPOOL      | 130                        |
| 33           | OKP410180488 | NATURAL GAS PIPELINE OF AMERICA - COMPRESS  | RATLIFF CITY  | 128                        |
| 34           | OKD000814228 | HALLIBURTON ENERGY SERVICES, INC.           | DUNCAN        | 127                        |
| 35           | OKR000017822 | NORDAM INTERIORS AND STRUCTURES DIVISION    | TULSA         | 125                        |
| 36           | OKD181233057 | AMERICAN AIRLINES, INC.-WHEEL AND BRAKE CEN | TULSA         | 110                        |
| 37           | OKR000019430 | SOUTHWEST UNITED INDUSTRIES, INC.           | OKLAHOMA CITY | 95                         |
| 38           | OKD079981874 | GABRIEL RIDE CONTROL NORTH AMERICA LLC      | CHICKASHA     | 92                         |
| 39           | OKD980864052 | NORDAM REPAIR DIVISION                      | TULSA         | 89                         |
| 40           | OKR000016683 | WILCO MACHINE AND FAB                       | MARLOW        | 87                         |
| 41           | OKD007224710 | SAINT-GOBAIN CONTAINERS, INC.               | SAPULPA       | 86                         |
| 42           | OKD007194475 | KIMRAY INC.                                 | OKLAHOMA CITY | 76                         |
| 43           | OKR000017327 | EASTMAN KODAK                               | WEATHERFORD   | 74                         |
| 44           | OKD043440999 | ARMSTRONG WORLD INDUSTRIES, INC.            | STILLWATER    | 74                         |
| 45           | OKD981909849 | KING AEROSPACE COMMERCIAL CORPORATION       | ARDMORE       | 71                         |
| 46           | OKR000013565 | DMI INDUSTRIES                              | TULSA         | 70                         |
| 47           | OKD008010076 | AAON, INC.                                  | TULSA         | 70                         |
| 48           | OKD061628624 | QUALITY PLATING CO. OF TULSA                | TULSA         | 59                         |
| 49           | OKR000025874 | PRECISE MACHINING AND MANUFACTURING         | TULSA         | 55                         |
| 50           | OKD990696890 | FLEX-N-GATE OKLAHOMA, L.L.C.                | ADA           | 54                         |
| <b>Total</b> |              |   |               | <b>28,410</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## OKLAHOMA

### 2011 WASTE RECEIPTS

**18** Number of RCRA Hazardous Waste Receivers: 8

**19** Quantity of RCRA Hazardous Waste Received: 94,277 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                         | City          | Quantity Received<br>(Tons) |
|--------------|--------------|-----------------------------------|---------------|-----------------------------|
| 1            | OKD065438376 | CLEAN HARBORS LONE MOUNTAIN LLC   | ORIENTA       | 88,101                      |
| 2            | OKD000402396 | EQ OKLAHOMA                       | TULSA         | 3,110                       |
| 3            | OKD987097151 | TRICAT INC                        | MCALESTER     | 2,475                       |
| 4            | OKD980878474 | SAFETY-KLEEN SYSTEMS, INC         | OKLAHOMA CITY | 224                         |
| 5            | OKD000763821 | SAFETY-KLEEN SYSTEMS, INC         | TULSA         | 209                         |
| 6            | OKD000814228 | HALLIBURTON ENERGY SERVICES, INC. | DUNCAN        | 137                         |
| 7            | OKD982293334 | ENVIRONMENTAL MANAGEMENT, INC.    | GUTHRIE       | 16                          |
| 8            | OKD000803601 | CONOCOPHILLIPS COMPANY            | BARTLESVILLE  | 3                           |
| <b>Total</b> |              |                                   |               | <b>94,277</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## OKLAHOMA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 2,071                      | 2.2                       | 1                       | 12.5                        |
| FUEL BLENDING                | 13                         | 0.0                       | 1                       | 12.5                        |
| INCINERATION                 | 1                          | 0.0                       | 1                       | 12.5                        |
| LANDFILL/SURFACE IMPOUNDMENT | 84,468                     | 89.6                      | 1                       | 12.5                        |
| OTHER DISPOSAL               | 460                        | 0.5                       | 1                       | 12.5                        |
| OTHER RECOVERY               | 2,475                      | 2.6                       | 1                       | 12.5                        |
| OTHER TREATMENT              | 3,633                      | 3.9                       | 1                       | 12.5                        |
| STABILIZATION                | 168                        | 0.2                       | 2                       | 25.0                        |
| STORAGE AND/OR TRANSFER      | 988                        | 1.0                       | 6                       | 75.0                        |
|                              | 94,277                     | 100.0                     | 8                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 84,468                     | 89.6                      | 1                       | 12.5                        |
| OTHER TREATMENT              | 3,633                      | 3.9                       | 1                       | 12.5                        |
| OTHER RECOVERY               | 2,475                      | 2.6                       | 1                       | 12.5                        |
| AQUEOUS INORGANIC TREATMENT  | 2,071                      | 2.2                       | 1                       | 12.5                        |
| STORAGE AND/OR TRANSFER      | 988                        | 1.0                       | 6                       | 75.0                        |
| OTHER DISPOSAL               | 460                        | 0.5                       | 1                       | 12.5                        |
| STABILIZATION                | 168                        | 0.2                       | 2                       | 25.0                        |
| FUEL BLENDING                | 13                         | 0.0                       | 1                       | 12.5                        |
| INCINERATION                 | 1                          | 0.0                       | 1                       | 12.5                        |
|                              | 94,277                     | 100.0                     | 8                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 988                        | 1.0                       | 6                       | 75.0                        |
| STABILIZATION                | 168                        | 0.2                       | 2                       | 25.0                        |
| OTHER TREATMENT              | 3,633                      | 3.9                       | 1                       | 12.5                        |
| OTHER RECOVERY               | 2,475                      | 2.6                       | 1                       | 12.5                        |
| INCINERATION                 | 1                          | 0.0                       | 1                       | 12.5                        |
| FUEL BLENDING                | 13                         | 0.0                       | 1                       | 12.5                        |
| AQUEOUS INORGANIC TREATMENT  | 2,071                      | 2.2                       | 1                       | 12.5                        |
| OTHER DISPOSAL               | 460                        | 0.5                       | 1                       | 12.5                        |
| LANDFILL/SURFACE IMPOUNDMENT | 84,468                     | 89.6                      | 1                       | 12.5                        |
|                              | 94,277                     | 100.0                     | 8                       |                             |

Note: Columns may not sum to total due to rounding.  
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**OKLAHOMA**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 23,474 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 88,414 Tons

**26 Oklahoma Interstate Shipment / Receipts (As reported by Oklahoma):**

The State to which Oklahoma shipped the largest quantity of waste was Kansas (9,333 tons).

The State that shipped the largest quantity of waste to Oklahoma was Arkansas (43,680 tons).

## OREGON

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 181

2 Quantity of RCRA Hazardous Waste Generated: 93,180 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                               | City         | Total Generated<br>(Tons) |
|--------------|--------------|---|--------------|---------------------------|
| 1            | ORQ000009431 | UMATILLA CHEMICAL AGENT DISPOSAL FAC.   | HERMISTON    | 43,896                    |
| 2            | ORD045776432 | CASCADE STEEL ROLLING MILLS, INC.       | MCMINNVILLE  | 10,809                    |
| 3            | ORD054964481 | BOEING OF PORTLAND                      | PORTLAND     | 7,013                     |
| 4            | ORD050955848 | WAH CHANG                               | ALBANY       | 5,813                     |
| 5            | ORD089452353 | CHEMICAL WASTE MANAGEMENT OF THE NW     | ARLINGTON    | 3,983                     |
| 6            | ORR000001420 | INTEL CORP RONLER ACRES                 | HILLSBORO    | 2,607                     |
| 7            | ORQ000004382 | ON SEMICONDUCTOR                        | GRESHAM      | 2,476                     |
| 8            | ORD092289552 | OREGON HEALTH SCIENCE UNIVERSITY        | PORTLAND     | 1,855                     |
| 9            | ORD060591963 | INTEL CORPORATION ALOHA CAMPUS          | ALOHA        | 1,573                     |
| 10           | ORD041265372 | CARESTREAM HEALTH, INC.                 | WHITE CITY   | 1,559                     |
| 11           | ORD061483384 | BARON BLAKESLEE                         | PORTLAND     | 1,339                     |
| 12           | ORQ000005322 | TRIQUINT SEMICONDUCTOR INC              | HILLSBORO    | 736                       |
| 13           | ORD982652463 | LACAMAS LABORATORIES INC                | PORTLAND     | 598                       |
| 14           | ORD085979474 | W.R. GRACE CO.-CONN.                    | ALBANY       | 589                       |
| 15           | ORD981766124 | SAFETY KLEEN SYSTEMS INC 7-148-01       | CLACKAMAS    | 480                       |
| 16           | ORD009421579 | SELMET INC                              | ALBANY       | 438                       |
| 17           | ORD000773937 | PCC STRUCTURALS INC SSBO                | CLACKAMAS    | 390                       |
| 18           | ORD980725592 | VIASYSTEMS CORPORATION                  | FOREST GROVE | 386                       |
| 19           | ORQ000028723 | SUTERRA LLC                             | BEND         | 365                       |
| 20           | OR0000148833 | MAXIM INTEGRATED PRODUCTS               | BEAVERTON    | 289                       |
| 21           | ORD987195088 | TOK AMERICA                             | HILLSBORO    | 265                       |
| 22           | OR0000940692 | INTEGRATED DEVICE TECHNOLOGY INC        | HILLSBORO    | 238                       |
| 23           | ORD987166204 | MICROCHIP TECHNOLOGY INC                | GRESHAM      | 238                       |
| 24           | ORD982656076 | SAPA PROFILES, INC COATINGS DIV         | PORTLAND     | 233                       |
| 25           | ORD000602110 | WESTERN STAR TRUCK MANUFACTURING PLANT  | PORTLAND     | 221                       |
| 26           | ORD018216887 | EAST SIDE PLATING INC PLANTS 1, 2 3     | PORTLAND     | 219                       |
| 27           | ORD009027970 | PCC STRUCTURALS INC LPC                 | PORTLAND     | 214                       |
| 28           | ORD050972322 | MASTERBRAND CABINETS INC                | GRANTS PASS  | 171                       |
| 29           | ORD987175569 | NOVELLUS SYSTEMS INC                    | TUALATIN     | 168                       |
| 30           | ORQ000029740 | CITY OF PORTLAND - GUILDS LAKE          | PORTLAND     | 166                       |
| 31           | ORQ000029786 | TLC PROPERTIES                          | CLACKAMAS    | 147                       |
| 32           | ORD980738132 | A DEC INC                               | NEWBERG      | 142                       |
| 33           | ORD009020470 | RODDA PAINT CORPORATION                 | PORTLAND     | 124                       |
| 34           | ORQ000029653 | REKLAIM, INC                            | BOARDMAN     | 121                       |
| 35           | ORQ000029621 | AGILYX CORPORATION                      | TIGARD       | 116                       |
| 36           | ORD009227398 | UNIVAR USA INC                          | PORTLAND     | 112                       |
| 37           | ORD009412602 | AKZONOBEL COATINGS INC                  | SALEM        | 111                       |
| 38           | ORQ000026275 | PIONEER METAL FINISHING CORP            | TUALATIN     | 107                       |
| 39           | ORD027627181 | ASH GROVE CEMENT CO                     | DURKEE       | 103                       |
| 40           | ORD987173457 | COLUMBIA RIDGE LDFL RECYCLING CTR       | ARLINGTON    | 102                       |
| 41           | ORD980980353 | WESTAK OF OREGON                        | FOREST GROVE | 101                       |
| 42           | ORD982658742 | UNION PACIFIC RAILROAD                  | THE DALLES   | 100                       |
| 43           | ORD003992518 | SUNSTONE CIRCUITS LLC                   | MULINO       | 93                        |
| 44           | ORD990659492 | RP - PORTLAND SITE                      | PORTLAND     | 92                        |
| 45           | ORQ000028695 | OR METALLURGICAL LLC DBA ATI ALBANY OPS | ALBANY       | 88                        |
| 46           | ORD180761934 | CASCADE GENERAL, INC.                   | PORTLAND     | 85                        |
| 47           | ORD052216603 | BP WEST COAST PRODUCTS                  | PORTLAND     | 83                        |
| 48           | ORD980988356 | ORARNG CAMP WITHYCOMBE                  | CLACKAMAS    | 77                        |
| 49           | ORD010736262 | BLOUNT INC OREGON CUTTING SYSTEMS GROUP | MILWAUKIE    | 76                        |
| 50           | ORD981770761 | ENTEK INTERNATIONAL LLC                 | LEBANON      | 74                        |
| <b>Total</b> |              |   |              | <b>91,383</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## OREGON

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 3,048                   | ONLY AN F CODE                | 7,419                   |  |                         |
| ONLY CORROSIVE                        | 6,123                   | ONLY A K CODE                 | 10,833                  |  |                         |
| ONLY REACTIVE                         | 2,355                   | ONLY A P CODE                 | 25                      |  |                         |
| ONLY D004-17                          | 47,608                  | ONLY A U CODE                 | 138                     |  |                         |
| ONLY D018-43                          | 60                      |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 6,879                   | HAS MORE THAN ONE LISTED CODE | 95                      |  |                         |
| <b>TOTAL</b>                          | <b>66,072</b>           | <b>TOTAL</b>                  | <b>18,510</b>           | <b>Both Characteristic and Listed</b>          | <b>8,580</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 1,225                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 6,553                   |
| HAS CORROSIVE CODE  | 2,520                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 121                     |
| HAS REACTIVE CODE   | 19                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 204                     |
| HAS D004-D017 CODE  | 6,090                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 2,048                   |
| HAS D018-D043 CODE  | 4,496                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 5,876                   |
|   |                         | HAS AN F CODE                           | 95                      | F WASTE W/ AT LEAST 1 CHAR           | 8,541                   |
|   |                         | HAS A K CODE                            | 92                      | K WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A P CODE                            | 54                      | P WASTE W/ AT LEAST 1 CHAR           | 5                       |
|   |                         | HAS A U CODE                            | 57                      | U WASTE W/ AT LEAST 1 CHAR           | 307                     |
| <b>TOTAL</b>  | <b>6,879</b>            | <b>TOTAL</b>                            | <b>95</b>               | <b>TOTAL</b>                         | <b>8,580</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, F003, D008, D035, F005, D003, D006, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 5622  | WASTE TREATMENT AND DISPOSAL                                 | 47,981         |
| 2            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING            | 10,809         |
| 3            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING   | 8,831          |
| 4            | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                    | 7,113          |
| 5            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING | 5,905          |
| 6            | 5629  | REMEDIATION AND OTHER WASTE MANAGEMENT SERVICES              | 1,949          |
| 7            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING         | 1,838          |
| 8            | 4246  | CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS            | 1,471          |
| 9            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                    | 1,277          |
| 10           | 3315  | FOUNDRIES  | 1,077          |
| <b>Total</b> |       |  | <b>88,251</b>  |

## OREGON

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 22

9 Quantity of RCRA Hazardous Waste Managed: 70,769 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                              | City         | Tons of Waste Managed |
|--------------|--------------|--|--------------|-----------------------|
| 1            | ORD089452353 | CHEMICAL WASTE MANAGEMENT OF THE NW    | ARLINGTON    | 56,016                |
| 2            | ORD054964481 | BOEING OF PORTLAND                     | PORTLAND     | 6,678                 |
| 3            | ORD050955848 | WAH CHANG                              | ALBANY       | 3,019                 |
| 4            | ORQ000009431 | UMATILLA CHEMICAL AGENT DISPOSAL FAC.  | HERMISTON    | 2,638                 |
| 5            | ORD041265372 | CARESTREAM HEALTH, INC.                | WHITE CITY   | 1,381                 |
| 6            | ORD000773937 | PCC STRUCTURALS INC SSBO               | CLACKAMAS    | 359                   |
| 7            | ORD009027970 | PCC STRUCTURALS INC LPC                | PORTLAND     | 213                   |
| 8            | ORD018216887 | EAST SIDE PLATING INC PLANTS 1, 2 3    | PORTLAND     | 109                   |
| 9            | ORD003992518 | SUNSTONE CIRCUITS LLC                  | MULINO       | 74                    |
| 10           | ORD000602110 | WESTERN STAR TRUCK MANUFACTURING PLANT | PORTLAND     | 68                    |
| 11           | ORD009412602 | AKZONOBEL COATINGS INC                 | SALEM        | 47                    |
| 12           | ORD009020470 | RODDA PAINT CORPORATION                | PORTLAND     | 44                    |
| 13           | ORD980980353 | WESTAK OF OREGON                       | FOREST GROVE | 44                    |
| 14           | ORD009049107 | EAST SIDE PLATING, INC., PLANT 4       | PORTLAND     | 27                    |
| 15           | ORD980725592 | VIASYSTEMS CORPORATION                 | FOREST GROVE | 20                    |
| 16           | ORD980833891 | EAST SIDE PLATING, INC., PLANT 5       | PORTLAND     | 17                    |
| 17           | ORD010746402 | JOHNSON CONTROLS BATTERY GROUP INC     | CANBY        | 11                    |
| 18           | ORD009038761 | ATI ALBANY OPERATIONS                  | ALBANY       | 3                     |
| 19           | ORD000409581 | XEROX CORPORATION                      | WILSONVILLE  | 1                     |
| 20           | OR5360010321 | USVA MEDICAL CENTER PORTLAND           | PORTLAND     | 1                     |
| 21           | ORD049793995 | UNIVERSITY OF OREGON                   | EUGENE       | 0                     |
| 22           | ORD981766124 | SAFETY KLEEN SYSTEMS INC 7-148-01      | CLACKAMAS    | 0                     |
| <b>Total</b> |              |  |              | <b>70,769</b>         |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## OREGON

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 6,690                      | 9.5                       | 3                       | 13.6                        |
| INCINERATION                 | 2,783                      | 3.9                       | 2                       | 9.1                         |
| LANDFILL/SURFACE IMPOUNDMENT | 40,156                     | 56.7                      | 1                       | 4.5                         |
| METALS RECOVERY              | 19                         | 0.0                       | 2                       | 9.1                         |
| OTHER DISPOSAL               | 4,452                      | 6.3                       | 7                       | 31.8                        |
| OTHER RECOVERY               | 1,761                      | 2.5                       | 2                       | 9.1                         |
| OTHER TREATMENT              | 4,227                      | 6.0                       | 3                       | 13.6                        |
| SLUDGE TREATMENT             | 46                         | 0.1                       | 1                       | 4.5                         |
| SOLVENTS RECOVERY            | 160                        | 0.2                       | 7                       | 31.8                        |
| STABILIZATION                | 10,474                     | 14.8                      | 2                       | 9.1                         |
|                              | 70,769                     | 100.0                     | 22                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 40,156                     | 56.7                      | 1                       | 4.5                         |
| STABILIZATION                | 10,474                     | 14.8                      | 2                       | 9.1                         |
| AQUEOUS INORGANIC TREATMENT  | 6,690                      | 9.5                       | 3                       | 13.6                        |
| OTHER DISPOSAL               | 4,452                      | 6.3                       | 7                       | 31.8                        |
| OTHER TREATMENT              | 4,227                      | 6.0                       | 3                       | 13.6                        |
| INCINERATION                 | 2,783                      | 3.9                       | 2                       | 9.1                         |
| OTHER RECOVERY               | 1,761                      | 2.5                       | 2                       | 9.1                         |
| SOLVENTS RECOVERY            | 160                        | 0.2                       | 7                       | 31.8                        |
| SLUDGE TREATMENT             | 46                         | 0.1                       | 1                       | 4.5                         |
| METALS RECOVERY              | 19                         | 0.0                       | 2                       | 9.1                         |
|                              | 70,769                     | 100.0                     | 22                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL               | 4,452                      | 6.3                       | 7                       | 31.8                        |
| SOLVENTS RECOVERY            | 160                        | 0.2                       | 7                       | 31.8                        |
| OTHER TREATMENT              | 4,227                      | 6.0                       | 3                       | 13.6                        |
| AQUEOUS INORGANIC TREATMENT  | 6,690                      | 9.5                       | 3                       | 13.6                        |
| OTHER RECOVERY               | 1,761                      | 2.5                       | 2                       | 9.1                         |
| STABILIZATION                | 10,474                     | 14.8                      | 2                       | 9.1                         |
| INCINERATION                 | 2,783                      | 3.9                       | 2                       | 9.1                         |
| METALS RECOVERY              | 19                         | 0.0                       | 2                       | 9.1                         |
| SLUDGE TREATMENT             | 46                         | 0.1                       | 1                       | 4.5                         |
| LANDFILL/SURFACE IMPOUNDMENT | 40,156                     | 56.7                      | 1                       | 4.5                         |
|                              | 70,769                     | 100.0                     | 22                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D007, D006, D005, D002, D004, D003, D008, K088, D010, F002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## OREGON

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 179

16 Quantity of RCRA Hazardous Waste Shipped: 77,564

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                               | City         | Quantity Shipped<br>(Tons) |
|-------|--------------|---|--------------|----------------------------|
| 1     | ORQ000009431 | UMATILLA CHEMICAL AGENT DISPOSAL FAC.   | HERMISTON    | 43,835                     |
| 2     | ORD045776432 | CASCADE STEEL ROLLING MILLS, INC.       | MCMINNVILLE  | 10,810                     |
| 3     | ORD050955848 | WAH CHANG                               | ALBANY       | 2,794                      |
| 4     | ORR000001420 | INTEL CORP RONLER ACRES                 | HILLSBORO    | 2,588                      |
| 5     | ORQ000004382 | ON SEMICONDUCTOR                        | GRESHAM      | 2,476                      |
| 6     | ORD092289552 | OREGON HEALTH SCIENCE UNIVERSITY        | PORTLAND     | 1,855                      |
| 7     | ORD060591963 | INTEL CORPORATION ALOHA CAMPUS          | ALOHA        | 1,573                      |
| 8     | ORD061483384 | BARON BLAKESLEE                         | PORTLAND     | 1,339                      |
| 9     | ORD981766124 | SAFETY KLEEN SYSTEMS INC 7-148-01       | CLACKAMAS    | 1,022                      |
| 10    | ORQ000005322 | TRIQUINT SEMICONDUCTOR INC              | HILLSBORO    | 736                        |
| 11    | ORD982652463 | LACAMAS LABORATORIES INC                | PORTLAND     | 598                        |
| 12    | ORD085979474 | W.R. GRACE CO.-CONN.                    | ALBANY       | 589                        |
| 13    | ORD009421579 | SELMET INC                              | ALBANY       | 484                        |
| 14    | ORD980725592 | VIASYSTEMS CORPORATION                  | FOREST GROVE | 365                        |
| 15    | ORQ000028723 | SUTERRA LLC                             | BEND         | 365                        |
| 16    | ORD054964481 | BOEING OF PORTLAND                      | PORTLAND     | 335                        |
| 17    | OR0000148833 | MAXIM INTEGRATED PRODUCTS               | BEAVERTON    | 289                        |
| 18    | ORD987195088 | TOK AMERICA                             | HILLSBORO    | 265                        |
| 19    | OR0000940692 | INTEGRATED DEVICE TECHNOLOGY INC        | HILLSBORO    | 238                        |
| 20    | ORD987166204 | MICROCHIP TECHNOLOGY INC                | GRESHAM      | 237                        |
| 21    | ORD982656076 | SAPA PROFILES, INC COATINGS DIV         | PORTLAND     | 233                        |
| 22    | ORD041265372 | CARESTREAM HEALTH, INC.                 | WHITE CITY   | 172                        |
| 23    | ORD050972322 | MASTERBRAND CABINETS INC                | GRANTS PASS  | 171                        |
| 24    | ORD987175569 | NOVELLUS SYSTEMS INC                    | TUALATIN     | 168                        |
| 25    | ORQ000029740 | CITY OF PORTLAND - GUILDS LAKE          | PORTLAND     | 166                        |
| 26    | ORD000602110 | WESTERN STAR TRUCK MANUFACTURING PLANT  | PORTLAND     | 153                        |
| 27    | ORQ000029786 | TLC PROPERTIES                          | CLACKAMAS    | 147                        |
| 28    | ORD980738132 | A DEC INC                               | NEWBERG      | 142                        |
| 29    | ORD018216887 | EAST SIDE PLATING INC PLANTS 1, 2 3     | PORTLAND     | 141                        |
| 30    | ORQ000029653 | REKLAIM, INC                            | BOARDMAN     | 121                        |
| 31    | ORD982658742 | UNION PACIFIC RAILROAD                  | THE DALLES   | 113                        |
| 32    | ORD009227398 | UNIVAR USA INC                          | PORTLAND     | 112                        |
| 33    | ORQ000026275 | PIONEER METAL FINISHING CORP            | TUALATIN     | 108                        |
| 34    | ORD990659492 | RP - PORTLAND SITE                      | PORTLAND     | 106                        |
| 35    | ORD027627181 | ASH GROVE CEMENT CO                     | DURKEE       | 102                        |
| 36    | ORD987173457 | COLUMBIA RIDGE LDFL RECYCLING CTR       | ARLINGTON    | 102                        |
| 37    | ORQ000028695 | OR METALLURGICAL LLC DBA ATI ALBANY OPS | ALBANY       | 88                         |
| 38    | ORD180761934 | CASCADE GENERAL, INC.                   | PORTLAND     | 85                         |
| 39    | ORD052216603 | BP WEST COAST PRODUCTS                  | PORTLAND     | 83                         |
| 40    | ORD009020470 | RODDA PAINT CORPORATION                 | PORTLAND     | 80                         |
| 41    | ORD980988356 | ORARNG CAMP WITHYCOMBE                  | CLACKAMAS    | 77                         |
| 42    | ORD010736262 | BLOUNT INC OREGON CUTTING SYSTEMS GROUP | MILWAUKIE    | 76                         |
| 43    | ORQ000026502 | THE BOEING CO                           | PORTLAND     | 71                         |
| 44    | ORD009025677 | BLUE HERON PAPER CO                     | OREGON CITY  | 70                         |
| 45    | ORD981770761 | ENTEK INTERNATIONAL LLC                 | LEBANON      | 70                         |
| 46    | ORD081182180 | HEWLETT PACKARD COMPANY                 | CORVALLIS    | 70                         |
| 47    | ORD009412602 | AKZONOBEL COATINGS INC                  | SALEM        | 69                         |
| 48    | ORQ000020818 | PACIFIC WOOD PRESERVING OF OREGON       | SHERIDAN     | 62                         |
| 49    | ORQ000029621 | AGILYX CORPORATION                      | TIGARD       | 60                         |
| 50    | ORD980980353 | WESTAK OF OREGON                        | FOREST GROVE | 57                         |
| Total |              |   |              | 76,069                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**OREGON**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 3

**19** Quantity of RCRA Hazardous Waste Received: 55,174 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                             | City      | Quantity Received<br>(Tons) |
|--------------|--------------|---------------------------------------|-----------|-----------------------------|
| 1            | ORD089452353 | CHEMICAL WASTE MANAGEMENT OF THE NW   | ARLINGTON | 52,034                      |
| 2            | ORQ000009431 | UMATILLA CHEMICAL AGENT DISPOSAL FAC. | HERMISTON | 2,608                       |
| 3            | ORD981766124 | SAFETY KLEEN SYSTEMS INC 7-148-01     | CLACKAMAS | 532                         |
| <b>Total</b> |              |                                       |           | <b>55,174</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## OREGON

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION                 | 2,753                      | 5.0                       | 2                       | 66.7                        |
| LANDFILL/SURFACE IMPOUNDMENT | 39,625                     | 71.8                      | 1                       | 33.3                        |
| OTHER RECOVERY               | 1,750                      | 3.2                       | 1                       | 33.3                        |
| OTHER TREATMENT              | 205                        | 0.4                       | 1                       | 33.3                        |
| SOLVENTS RECOVERY            | 0                          | 0.0                       | 1                       | 33.3                        |
| STABILIZATION                | 10,308                     | 18.7                      | 1                       | 33.3                        |
| STORAGE AND/OR TRANSFER      | 532                        | 1.0                       | 1                       | 33.3                        |
|                              | 55,174                     | 100.0                     | 3                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 39,625                     | 71.8                      | 1                       | 33.3                        |
| STABILIZATION                | 10,308                     | 18.7                      | 1                       | 33.3                        |
| INCINERATION                 | 2,753                      | 5.0                       | 2                       | 66.7                        |
| OTHER RECOVERY               | 1,750                      | 3.2                       | 1                       | 33.3                        |
| STORAGE AND/OR TRANSFER      | 532                        | 1.0                       | 1                       | 33.3                        |
| OTHER TREATMENT              | 205                        | 0.4                       | 1                       | 33.3                        |
| SOLVENTS RECOVERY            | 0                          | 0.0                       | 1                       | 33.3                        |
|                              | 55,174                     | 100.0                     | 3                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION                 | 2,753                      | 5.0                       | 2                       | 66.7                        |
| LANDFILL/SURFACE IMPOUNDMENT | 39,625                     | 71.8                      | 1                       | 33.3                        |
| OTHER TREATMENT              | 205                        | 0.4                       | 1                       | 33.3                        |
| STABILIZATION                | 10,308                     | 18.7                      | 1                       | 33.3                        |
| OTHER RECOVERY               | 1,750                      | 3.2                       | 1                       | 33.3                        |
| STORAGE AND/OR TRANSFER      | 532                        | 1.0                       | 1                       | 33.3                        |
| SOLVENTS RECOVERY            | 0                          | 0.0                       | 1                       | 33.3                        |
|                              | 55,174                     | 100.0                     | 3                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## OREGON

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 70,584 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 25,632 Tons

**26 Oregon Interstate Shipment / Receipts (As reported by Oregon):**

The State to which Oregon shipped the largest quantity of waste was Idaho (55,445 tons).

The State that shipped the largest quantity of waste to Oregon was Washington (18,568 tons).

## PENNSYLVANIA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 847

2 Quantity of RCRA Hazardous Waste Generated: 308,720 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City            | Total Generated<br>(Tons) |
|--------------|--------------|--|-----------------|---------------------------|
| 1            | PAD002312791 | HONEYWELL RESINS & CHEMICALS LLC             | PHILADELPHIA    | 29,489                    |
| 2            | PAD990753089 | EXIDE TECHNOLOGIES                           | READING         | 21,256                    |
| 3            | PAD003043353 | CHEROKEE PHARMACEUTICALS LLC                 | RIVERSIDE       | 20,032                    |
| 4            | PAD002326908 | ARCELORMITTAL PLATE LLC                      | COATESVILLE     | 16,412                    |
| 5            | PAD048203822 | LORD CORP - SAEGERTOWN OPERATION             | SAEGERTOWN      | 15,252                    |
| 6            | PAD042259374 | SARTOMER USA LLC                             | WEST CHESTER    | 14,725                    |
| 7            | PAD004325254 | AK STEEL CORP BUTLER WORKS                   | BUTLER          | 13,089                    |
| 8            | PAD030069140 | ALBEMARLE CORP                               | TYRONE          | 11,620                    |
| 9            | PAD002330165 | EAST PENN MANUFACTURING CO INC               | LYON STATION    | 10,197                    |
| 10           | PAD003026531 | ARCELORMITTAL STEELTON LLC                   | STEELTON        | 9,510                     |
| 11           | PAD069778967 | AIR PRODUCTS & CHEMICALS INC                 | TAMAQUA         | 7,830                     |
| 12           | PAD087561015 | INMETCO                                      | ELLWOOD CITY    | 7,028                     |
| 13           | PAD004337465 | SHENANGO INC                                 | NEVILLE ISLAND  | 6,295                     |
| 14           | PAD049791098 | SUNOCO INC (R&M)                             | PHILADELPHIA    | 5,340                     |
| 15           | PAD000651752 | TMK IPSCO KOPPEL TUBULARS LLC                | KOPPEL          | 4,897                     |
| 16           | PAD981109135 | ELLWOOD QUALITY STEELS CO                    | NEW CASTLE      | 4,158                     |
| 17           | PAD061106209 | STANDARD STEEL LLC                           | BURNHAM         | 3,652                     |
| 18           | PAD002105179 | UNITED REFINING CO - WARREN REFINERY         | WARREN          | 2,852                     |
| 19           | PAD987269800 | MIDC WORKING GROUP                           | ELIZABETH       | 2,757                     |
| 20           | PAD004335154 | ALLEGHENY LUDLUM - BRACKENRIDGE              | BRACKENRIDGE    | 2,502                     |
| 21           | PAD014130439 | OMG AMERICAS INC                             | FRANKLIN        | 2,349                     |
| 22           | PAD987270725 | SIEMENS INDUSTRY INC                         | DARLINGTON      | 2,235                     |
| 23           | PAD980550412 | JOHNSON MATTHEY                              | CONSHOHOCKEN    | 2,146                     |
| 24           | PAD041399403 | BASF CORP                                    | ERIE            | 1,984                     |
| 25           | PAR000519322 | JOHNSON MATTHEY INC                          | SMITHFIELD      | 1,817                     |
| 26           | PAD980550594 | SUNOCO INC MARCUS HOOK REFINERY              | MARCUS HOOK     | 1,814                     |
| 27           | PAR000015768 | CONOCOPHILLIPS TRAINER REFINERY              | TRAINER         | 1,780                     |
| 28           | PA6213820503 | LETTERKENNY ARMY DEPOT                       | CHAMBERSBURG    | 1,752                     |
| 29           | PAD004376919 | SMS MILLCRAFT LLC OIL CITY DIV               | OIL CITY        | 1,737                     |
| 30           | PADEP0016455 | TYLER RUN LLC PROPERTY                       | YORK            | 1,551                     |
| 31           | PAD003044609 | GLOBAL TUNGSTEN & POWDERS CORP               | TOWANDA         | 1,430                     |
| 32           | PAD000606285 | EASTMAN CHEMICAL RESINS INC - JEFFERSON SITE | WEST ELIZABETH  | 1,388                     |
| 33           | PAD004393468 | LATROBE SPECIALTY STEEL CO                   | LATROBE         | 1,367                     |
| 34           | PAD990659559 | UNIVERSAL STAINLESS & ALLOY PRODUCTS INC     | BRIDGEVILLE     | 1,271                     |
| 35           | PAD000650366 | PPG INDUSTRIES INC                           | SPRINGDALE      | 1,235                     |
| 36           | PAR000509117 | BASF CORP                                    | EVANS CITY      | 1,186                     |
| 37           | PAD004391421 | KEYSTONE PROFILES LTD                        | BEAVER FALLS    | 1,090                     |
| 38           | PAD004341723 | EPS DBA VALSPAR COATINGS                     | ROCHESTER       | 1,061                     |
| 39           | PAD004336319 | PPG INDUSTRIES INC                           | SPRINGDALE      | 1,028                     |
| 40           | PAR000036111 | BOYERTOWN FOUNDRY CO                         | NEW BERLINVILLE | 1,025                     |
| 41           | PAD085690592 | REPUBLIC ENVIRONMENTAL SYSTEMS (PA) LLC      | HATFIELD        | 983                       |
| 42           | PAR000505222 | V & S LEBANON GALVANIZING LLC                | JONESTOWN       | 977                       |
| 43           | PAD004498432 | PRESSURE CHEMICAL CO                         | PITTSBURGH      | 948                       |
| 44           | PA0000193409 | PENN UNITED TECHNOLOGIES INC                 | CABOT           | 922                       |
| 45           | PAD987285624 | ALLIED WASTE SYSTEMS OF PA IMPERIAL LF       | IMPERIAL        | 876                       |
| 46           | PAD086723285 | SANOFI PASTEUR                               | SWIFTWATER      | 855                       |
| 47           | PAR000517854 | AE POLYSILICON CORP                          | FAIRLESS HILLS  | 854                       |
| 48           | PAD061778684 | PRECISION KIDD STEEL CO                      | ALIQUIPPA       | 852                       |
| 49           | PAR000042168 | BIMAX INC                                    | GLEN ROCK       | 797                       |
| 50           | PAD004322343 | JESSOP STEEL LLC                             | WASHINGTON      | 788                       |
| <b>Total</b> |              |  |                 | <b>248,989</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## PENNSYLVANIA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 11,659                  | ONLY AN F CODE                | 5,123                   |  |                         |
| ONLY CORROSIVE                        | 24,687                  | ONLY A K CODE                 | 76,775                  |  |                         |
| ONLY REACTIVE                         | 1,907                   | ONLY A P CODE                 | 101                     |  |                         |
| ONLY D004-17                          | 56,736                  | ONLY A U CODE                 | 15,801                  |  |                         |
| ONLY D018-43                          | 4,854                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 47,966                  | HAS MORE THAN ONE LISTED CODE | 1,708                   |  |                         |
| <b>TOTAL</b>                          | <b>147,809</b>          | <b>TOTAL</b>                  | <b>99,507</b>           | <b>Both Characteristic and Listed</b>          | <b>61,270</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 25,828                  |   |                         | IGN. W/ AT LEAST 1 LSTD              | 26,285                  |
| HAS CORROSIVE CODE  | 34,608                  |   |                         | CORR. W/ AT LEAST 1 LSTD             | 6,709                   |
| HAS REACTIVE CODE   | 1,550                   |   |                         | REACT. W/ AT LEAST 1 LSTD            | 2,354                   |
| HAS D004-D017 CODE  | 22,004                  |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 36,977                  |
| HAS D018-D043 CODE  | 14,619                  |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 16,438                  |
|   |                         | HAS AN F CODE                           | 1,707                   | F WASTE W/ AT LEAST 1 CHAR           | 28,723                  |
|   |                         | HAS A K CODE                            | 1,689                   | K WASTE W/ AT LEAST 1 CHAR           | 32,187                  |
|   |                         | HAS A P CODE                            | 1                       | P WASTE W/ AT LEAST 1 CHAR           | 394                     |
|   |                         | HAS A U CODE                            | 19                      | U WASTE W/ AT LEAST 1 CHAR           | 5,772                   |
| <b>TOTAL</b>  | <b>47,966</b>           | <b>TOTAL</b>                            | <b>1,708</b>            | <b>TOTAL</b>                         | <b>61,270</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, D007, D008, F005, D035, D018, D006, D009

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 62,836         |
| 2            | 3251  | BASIC CHEMICAL MANUFACTURING   | 48,358         |
| 3            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING             | 32,083         |
| 4            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                                | 24,539         |
| 5            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                               | 20,038         |
| 6            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                                | 19,573         |
| 7            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 17,447         |
| 8            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                     | 14,443         |
| 9            | 3359  | OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING                   | 10,643         |
| 10           | 5622  | WASTE TREATMENT AND DISPOSAL   | 5,302          |
| <b>Total</b> |       |  | <b>255,261</b> |

## PENNSYLVANIA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 48

9 Quantity of RCRA Hazardous Waste Managed: 444,198 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank | EPA ID       | Site Name                               | City          | Tons of Waste Managed |
|------|--------------|---|---------------|-----------------------|
| 1    | PAD002395887 | HORSEHEAD CORP                          | PALMERTON     | 198,894               |
| 2    | PAD010154045 | ENVIRITE OF PENNSYLVANIA INC            | YORK          | 64,011                |
| 3    | PAD004835146 | MAX ENVIRONMENTAL - YUKON FACILITY      | YUKON         | 37,300                |
| 4    | PAD087561015 | INMETCO                                 | ELLWOOD CITY  | 35,687                |
| 5    | PAD002312791 | HONEYWELL RESINS & CHEMICALS LLC        | PHILADELPHIA  | 28,789                |
| 6    | PAD002389559 | KEYSTONE CEMENT CO                      | BATH          | 25,020                |
| 7    | PAD003043353 | CHEROKEE PHARMACEUTICALS LLC            | RIVERSIDE     | 15,417                |
| 8    | PAD981038227 | WORLD RESOURCES CO                      | POTTSVILLE    | 9,692                 |
| 9    | PAD042259374 | SARTOMER USA LLC                        | WEST CHESTER  | 7,524                 |
| 10   | PAD990753089 | EXIDE TECHNOLOGIES                      | READING       | 6,052                 |
| 11   | PAD000736942 | CALGON CARBON CORP                      | PITTSBURGH    | 3,698                 |
| 12   | PAD987270725 | SIEMENS INDUSTRY INC                    | DARLINGTON    | 2,633                 |
| 13   | PAD980550412 | JOHNSON MATTHEY                         | CONSHOHOCKEN  | 2,125                 |
| 14   | PAD002330165 | EAST PENN MANUFACTURING CO INC          | LYON STATION  | 1,557                 |
| 15   | PAD014130439 | OMG AMERICAS INC                        | FRANKLIN      | 999                   |
| 16   | PAR000509117 | BASF CORP                               | EVANS CITY    | 938                   |
| 17   | PA6213820503 | LETTERKENNY ARMY DEPOT                  | CHAMBERSBURG  | 786                   |
| 18   | PAD987283140 | UNITED ENVIRONMENTAL GROUP INC          | SEWICKLEY     | 538                   |
| 19   | PAD067098822 | CYCLECHEM INC                           | LEWISBERRY    | 478                   |
| 20   | PAD980714562 | C-P CONVERTERS INC                      | YORK          | 337                   |
| 21   | PAD987367216 | AERC.COM INC                            | ALLENTOWN     | 335                   |
| 22   | PAR000023853 | GLOBAL PACKAGING INC                    | OAKS          | 284                   |
| 23   | PAD002390961 | BETHLEHEM APPARATUS CO INC              | HELLERTOWN    | 262                   |
| 24   | PAD001643691 | HARLEY-DAVIDSON MOTOR CO OPERATIONS INC | YORK          | 207                   |
| 25   | PA0000453084 | BETHLEHEM APPARATUS CO INC              | BETHLEHEM     | 114                   |
| 26   | PAR000528026 | CD & E REFINING LLC                     | EAST YORK     | 73                    |
| 27   | PAR000522763 | CD & E REFINING LLC                     | YORK          | 55                    |
| 28   | PAD982362899 | HIGH STEEL STRUCTURES INC               | LANCASTER     | 53                    |
| 29   | PAR000006403 | TRS TECHNOLOGIES                        | STATE COLLEGE | 47                    |
| 30   | PAD987370780 | ACTON TECHNOLOGIES                      | PITTSTON      | 31                    |
| 31   | PAD061107017 | OSRAM SYLVANIA INC                      | YORK          | 30                    |
| 32   | PAD003023827 | CNH AMERICA LLC                         | NEW HOLLAND   | 27                    |
| 33   | PAD003008521 | R H SHEPPARD CO INC                     | HANOVER       | 26                    |
| 34   | PAD112570072 | HIGH STEEL STRUCTURES INC               | WILLIAMSPORT  | 23                    |
| 35   | PAD049029697 | ALUMAX MILL PRODUCTS INC                | LANCASTER     | 23                    |
| 36   | PAD980830657 | CARDONE INDUSTRIES PLT 11-14            | PHILADELPHIA  | 21                    |
| 37   | PAD002344463 | ACCELLENT INC                           | TRAPPE        | 20                    |
| 38   | PAR000034256 | DUNMORE CORP KEYSTONE                   | BRISTOL       | 18                    |
| 39   | PAD096335203 | COMPTEC INC                             | IRWIN         | 14                    |
| 40   | PAR000512319 | ALLOY SURFACES CO INC                   | GARNET VALLEY | 11                    |
| 41   | PAR000002105 | DURA-BOND PIPE LLC                      | STEELTON      | 11                    |
| 42   | PAD003004488 | INTELLIGENCER PRINTING CO               | LANCASTER     | 10                    |
| 43   | PAD002103265 | MORGAN ADVANCED MATERIALS & TECHNOLOGY  | SAINT MARYS   | 9                     |
| 44   | PAR000030874 | COPPERHEAD CHEMICAL CO INC              | TAMAQUA       | 7                     |
| 45   | PAR000034769 | TOPFLIGHT CORP                          | GLEN ROCK     | 5                     |
| 46   | PAD002360485 | MORGAN CORP                             | MORGANTOWN    | 4                     |
| 47   | PAD061075529 | CONSTANTIA COLMAR INC                   | COLMAR        | 2                     |
| 48   | PAD002387926 | MERCK SHARP & DOHME CORP                | WEST POINT    | 1                     |

Total

444,198

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## PENNSYLVANIA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 38,787                     | 8.7                       | 1                       | 2.1                         |
| AQUEOUS ORGANIC TREATMENT    | 538                        | 0.1                       | 1                       | 2.1                         |
| ENERGY RECOVERY              | 53,810                     | 12.1                      | 2                       | 4.2                         |
| INCINERATION                 | 2,132                      | 0.5                       | 3                       | 6.3                         |
| LANDFILL/SURFACE IMPOUNDMENT | 37,060                     | 8.3                       | 1                       | 2.1                         |
| METALS RECOVERY              | 252,356                    | 56.8                      | 11                      | 22.9                        |
| OTHER DISPOSAL               | 1,984                      | 0.4                       | 2                       | 4.2                         |
| OTHER RECOVERY               | 6,332                      | 1.4                       | 3                       | 6.3                         |
| OTHER TREATMENT              | 9,695                      | 2.2                       | 7                       | 14.6                        |
| SOLVENTS RECOVERY            | 17,363                     | 3.9                       | 21                      | 43.8                        |
| STABILIZATION                | 24,142                     | 5.4                       | 5                       | 10.4                        |
|                              | 444,198                    | 100.0                     | 48                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| METALS RECOVERY              | 252,356                    | 56.8                      | 11                      | 22.9                        |
| ENERGY RECOVERY              | 53,810                     | 12.1                      | 2                       | 4.2                         |
| AQUEOUS INORGANIC TREATMENT  | 38,787                     | 8.7                       | 1                       | 2.1                         |
| LANDFILL/SURFACE IMPOUNDMENT | 37,060                     | 8.3                       | 1                       | 2.1                         |
| STABILIZATION                | 24,142                     | 5.4                       | 5                       | 10.4                        |
| SOLVENTS RECOVERY            | 17,363                     | 3.9                       | 21                      | 43.8                        |
| OTHER TREATMENT              | 9,695                      | 2.2                       | 7                       | 14.6                        |
| OTHER RECOVERY               | 6,332                      | 1.4                       | 3                       | 6.3                         |
| INCINERATION                 | 2,132                      | 0.5                       | 3                       | 6.3                         |
| OTHER DISPOSAL               | 1,984                      | 0.4                       | 2                       | 4.2                         |
| AQUEOUS ORGANIC TREATMENT    | 538                        | 0.1                       | 1                       | 2.1                         |
|                              | 444,198                    | 100.0                     | 48                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY            | 17,363                     | 3.9                       | 21                      | 43.8                        |
| METALS RECOVERY              | 252,356                    | 56.8                      | 11                      | 22.9                        |
| OTHER TREATMENT              | 9,695                      | 2.2                       | 7                       | 14.6                        |
| STABILIZATION                | 24,142                     | 5.4                       | 5                       | 10.4                        |
| INCINERATION                 | 2,132                      | 0.5                       | 3                       | 6.3                         |
| OTHER RECOVERY               | 6,332                      | 1.4                       | 3                       | 6.3                         |
| ENERGY RECOVERY              | 53,810                     | 12.1                      | 2                       | 4.2                         |
| OTHER DISPOSAL               | 1,984                      | 0.4                       | 2                       | 4.2                         |
| LANDFILL/SURFACE IMPOUNDMENT | 37,060                     | 8.3                       | 1                       | 2.1                         |
| AQUEOUS INORGANIC TREATMENT  | 38,787                     | 8.7                       | 1                       | 2.1                         |
| AQUEOUS ORGANIC TREATMENT    | 538                        | 0.1                       | 1                       | 2.1                         |
|                              | 444,198                    | 100.0                     | 48                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D002, D001, D008, D007, D009, F006, D018, D006, D011, D040

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## PENNSYLVANIA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 849

16 Quantity of RCRA Hazardous Waste Shipped: 262,668

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City            | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|-----------------|----------------------------|
| 1            | PAD990753089 | EXIDE TECHNOLOGIES                          | READING         | 21,256                     |
| 2            | PAD002326908 | ARCELORMITTAL PLATE LLC                     | COATESVILLE     | 16,412                     |
| 3            | PAD048203822 | LORD CORP - SAEGERTOWN OPERATION            | SAEGERTOWN      | 15,252                     |
| 4            | PAD004325254 | AK STEEL CORP BUTLER WORKS                  | BUTLER          | 13,089                     |
| 5            | PAD030069140 | ALBEMARLE CORP                              | TYRONE          | 11,440                     |
| 6            | PAD003026531 | ARCELORMITTAL STEELTON LLC                  | STEELTON        | 9,510                      |
| 7            | PAD067098822 | CYCLECHEM INC                               | LEWISBERRY      | 8,973                      |
| 8            | PAD002330165 | EAST PENN MANUFACTURING CO INC              | LYON STATION    | 8,650                      |
| 9            | PAD069778967 | AIR PRODUCTS & CHEMICALS INC                | TAMAQUA         | 7,831                      |
| 10           | PAD042259374 | SARTOMER USA LLC                            | WEST CHESTER    | 7,201                      |
| 11           | PAD087561015 | INMETCO                                     | ELLWOOD CITY    | 7,028                      |
| 12           | PAD004337465 | SHENANGO INC                                | NEVILLE ISLAND  | 6,295                      |
| 13           | PAD049791098 | SUNOCO INC (R&M)                            | PHILADELPHIA    | 5,340                      |
| 14           | PAD000651752 | TMK IPSCO KOPPEL TUBULARS LLC               | KOPPEL          | 4,897                      |
| 15           | PAD003043353 | CHEROKEE PHARMACEUTICALS LLC                | RIVERSIDE       | 4,464                      |
| 16           | PAD981109135 | ELLWOOD QUALITY STEELS CO                   | NEW CASTLE      | 4,158                      |
| 17           | PAD061106209 | STANDARD STEEL LLC                          | BURNHAM         | 3,652                      |
| 18           | PAD085690592 | REPUBLIC ENVIRONMENTAL SYSTEMS (PA) LLC     | HATFIELD        | 3,110                      |
| 19           | PAD002105179 | UNITED REFINING CO - WARREN REFINERY        | WARREN          | 2,852                      |
| 20           | PAD987269800 | MIDC WORKING GROUP                          | ELIZABETH       | 2,757                      |
| 21           | PAD004335154 | ALLEGHENY LUDLUM - BRACKENRIDGE             | BRACKENRIDGE    | 2,502                      |
| 22           | PAD987270725 | SIEMENS INDUSTRY INC                        | DARLINGTON      | 2,244                      |
| 23           | PAD041399403 | BASF CORP                                   | ERIE            | 1,984                      |
| 24           | PAR000015768 | CONOCOPHILLIPS TRAINER REFINERY             | TRAINER         | 1,852                      |
| 25           | PAR000519322 | JOHNSON MATTHEY INC                         | SMITHFIELD      | 1,817                      |
| 26           | PAD980550594 | SUNOCO INC MARCUS HOOK REFINERY             | MARCUS HOOK     | 1,814                      |
| 27           | PAD004376919 | SMS MILLCRAFT LLC OIL CITY DIV              | OIL CITY        | 1,737                      |
| 28           | PADEP0016455 | TYLER RUN LLC PROPERTY                      | YORK            | 1,551                      |
| 29           | PAD003044609 | GLOBAL TUNGSTEN & POWDERS CORP              | TOWANDA         | 1,425                      |
| 30           | PAD000650366 | PPG INDUSTRIES INC                          | SPRINGDALE      | 1,396                      |
| 31           | PAD000606285 | EASTMAN CHEMICAL RESINS INC - JEFFERSON SIT | WEST ELIZABETH  | 1,388                      |
| 32           | PAD004393468 | LATROBE SPECIALTY STEEL CO                  | LATROBE         | 1,367                      |
| 33           | PAD014130439 | OMG AMERICAS INC                            | FRANKLIN        | 1,350                      |
| 34           | PAD990659559 | UNIVERSAL STAINLESS & ALLOY PRODUCTS INC    | BRIDGEVILLE     | 1,271                      |
| 35           | PAD010154045 | ENVIRITE OF PENNSYLVANIA INC                | YORK            | 1,194                      |
| 36           | PAD004391421 | KEYSTONE PROFILES LTD                       | BEAVER FALLS    | 1,090                      |
| 37           | PAD004341723 | EPS DBA VALSPAR COATINGS                    | ROCHESTER       | 1,061                      |
| 38           | PAD004336319 | PPG INDUSTRIES INC                          | SPRINGDALE      | 1,028                      |
| 39           | PAR000036111 | BOYERTOWN FOUNDRY CO                        | NEW BERLINVILLE | 1,025                      |
| 40           | PAR000505222 | V & S LEBANON GALVANIZING LLC               | JONESTOWN       | 977                        |
| 41           | PAD004498432 | PRESSURE CHEMICAL CO                        | PITTSBURGH      | 948                        |
| 42           | PA6213820503 | LETTERKENNY ARMY DEPOT                      | CHAMBERSBURG    | 936                        |
| 43           | PA0000193409 | PENN UNITED TECHNOLOGIES INC                | CABOT           | 922                        |
| 44           | PAD987285624 | ALLIED WASTE SYSTEMS OF PA IMPERIAL LF      | IMPERIAL        | 876                        |
| 45           | PAD086723285 | SANOFI PASTEUR                              | SWIFTWATER      | 855                        |
| 46           | PAR000517854 | AE POLYSILICON CORP                         | FAIRLESS HILLS  | 854                        |
| 47           | PAD061778684 | PRECISION KIDD STEEL CO                     | ALQUIPPA        | 852                        |
| 48           | PAR000042168 | BIMAX INC                                   | GLEN ROCK       | 797                        |
| 49           | PAD004322343 | JESSOP STEEL LLC                            | WASHINGTON      | 788                        |
| 50           | PAD004372363 | HORSEHEAD CORP - MONACA SMELTER             | MONACA          | 778                        |
| <b>Total</b> |              |   |                 | <b>202,843</b>             |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## PENNSYLVANIA

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 26

19 Quantity of RCRA Hazardous Waste Received: 428,355 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                               | City           | Quantity Received<br>(Tons) |
|--------------|--------------|---|----------------|-----------------------------|
| 1            | PAD002395887 | HORSEHEAD CORP                          | PALMERTON      | 198,557                     |
| 2            | PAD010154045 | ENVIRITE OF PENNSYLVANIA INC            | YORK           | 64,774                      |
| 3            | PAD004835146 | MAX ENVIRONMENTAL - YUKON FACILITY      | YUKON          | 37,300                      |
| 4            | PAD087561015 | INMETCO                                 | ELLWOOD CITY   | 35,687                      |
| 5            | PAD085690592 | REPUBLIC ENVIRONMENTAL SYSTEMS (PA) LLC | HATFIELD       | 35,371                      |
| 6            | PAD002389559 | KEYSTONE CEMENT CO                      | BATH           | 25,020                      |
| 7            | PAD981038227 | WORLD RESOURCES CO                      | POTTSVILLE     | 9,692                       |
| 8            | PAD067098822 | CYCLECHEM INC                           | LEWISBERRY     | 6,609                       |
| 9            | PAD990753089 | EXIDE TECHNOLOGIES                      | READING        | 6,052                       |
| 10           | PAD000736942 | CALGON CARBON CORP                      | PITTSBURGH     | 3,698                       |
| 11           | PAD987270725 | SIEMENS INDUSTRY INC                    | DARLINGTON     | 2,633                       |
| 12           | PAD987283140 | UNITED ENVIRONMENTAL GROUP INC          | SEWICKLEY      | 574                         |
| 13           | PAD987367216 | AERC.COM INC                            | ALLENTOWN      | 406                         |
| 14           | PAD000738823 | SAFETY-KLEEN SYSTEMS INC                | NEW KINGSTOWN  | 288                         |
| 15           | PAD002390961 | BETHLEHEM APPARATUS CO INC              | HELLERTOWN     | 262                         |
| 16           | PAD000738849 | SAFETY-KLEEN SYSTEMS INC                | WEST CHESTER   | 261                         |
| 17           | PAD982576258 | SAFETY-KLEEN SYSTEMS INC                | WEST MIFFLIN   | 243                         |
| 18           | PAD981736143 | SAFETY-KLEEN SYSTEMS INC                | JOHNSTOWN      | 210                         |
| 19           | PAD981737109 | SAFETY-KLEEN SYSTEMS INC                | WILKES BARRE   | 193                         |
| 20           | PAD987266715 | SAFETY-KLEEN SYSTEMS INC                | FAIRLESS HILLS | 181                         |
| 21           | PA0000453084 | BETHLEHEM APPARATUS CO INC              | BETHLEHEM      | 114                         |
| 22           | PAD086673407 | SAFETY-KLEEN SYSTEMS INC                | ERIE           | 82                          |
| 23           | PAR000528026 | CD & E REFINING LLC                     | EAST YORK      | 73                          |
| 24           | PAR000522763 | CD & E REFINING LLC                     | YORK           | 55                          |
| 25           | PAD002330165 | EAST PENN MANUFACTURING CO INC          | LYON STATION   | 10                          |
| 26           | PAD980830657 | CARDONE INDUSTRIES PLT 11-14            | PHILADELPHIA   | 8                           |
| <b>Total</b> |              |   |                | <b>428,355</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## PENNSYLVANIA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 38,787                     | 9.1                       | 1                       | 3.8                         |
| AQUEOUS ORGANIC TREATMENT    | 538                        | 0.1                       | 1                       | 3.8                         |
| ENERGY RECOVERY              | 25,020                     | 5.8                       | 1                       | 3.8                         |
| LANDFILL/SURFACE IMPOUNDMENT | 37,060                     | 8.7                       | 1                       | 3.8                         |
| METALS RECOVERY              | 250,907                    | 58.6                      | 11                      | 42.3                        |
| OTHER DISPOSAL               | 1,981                      | 0.5                       | 1                       | 3.8                         |
| OTHER RECOVERY               | 6,331                      | 1.5                       | 2                       | 7.7                         |
| OTHER TREATMENT              | 186                        | 0.0                       | 1                       | 3.8                         |
| SOLVENTS RECOVERY            | 8                          | 0.0                       | 1                       | 3.8                         |
| STABILIZATION                | 23,705                     | 5.5                       | 3                       | 11.5                        |
| STORAGE AND/OR TRANSFER      | 43,831                     | 10.2                      | 13                      | 50.0                        |
|                              | 428,355                    | 100.0                     | 26                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| METALS RECOVERY              | 250,907                    | 58.6                      | 11                      | 42.3                        |
| STORAGE AND/OR TRANSFER      | 43,831                     | 10.2                      | 13                      | 50.0                        |
| AQUEOUS INORGANIC TREATMENT  | 38,787                     | 9.1                       | 1                       | 3.8                         |
| LANDFILL/SURFACE IMPOUNDMENT | 37,060                     | 8.7                       | 1                       | 3.8                         |
| ENERGY RECOVERY              | 25,020                     | 5.8                       | 1                       | 3.8                         |
| STABILIZATION                | 23,705                     | 5.5                       | 3                       | 11.5                        |
| OTHER RECOVERY               | 6,331                      | 1.5                       | 2                       | 7.7                         |
| OTHER DISPOSAL               | 1,981                      | 0.5                       | 1                       | 3.8                         |
| AQUEOUS ORGANIC TREATMENT    | 538                        | 0.1                       | 1                       | 3.8                         |
| OTHER TREATMENT              | 186                        | 0.0                       | 1                       | 3.8                         |
| SOLVENTS RECOVERY            | 8                          | 0.0                       | 1                       | 3.8                         |
|                              | 428,355                    | 100.0                     | 26                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 43,831                     | 10.2                      | 13                      | 50.0                        |
| METALS RECOVERY              | 250,907                    | 58.6                      | 11                      | 42.3                        |
| STABILIZATION                | 23,705                     | 5.5                       | 3                       | 11.5                        |
| OTHER RECOVERY               | 6,331                      | 1.5                       | 2                       | 7.7                         |
| AQUEOUS INORGANIC TREATMENT  | 38,787                     | 9.1                       | 1                       | 3.8                         |
| OTHER DISPOSAL               | 1,981                      | 0.5                       | 1                       | 3.8                         |
| AQUEOUS ORGANIC TREATMENT    | 538                        | 0.1                       | 1                       | 3.8                         |
| SOLVENTS RECOVERY            | 8                          | 0.0                       | 1                       | 3.8                         |
| LANDFILL/SURFACE IMPOUNDMENT | 37,060                     | 8.7                       | 1                       | 3.8                         |
| OTHER TREATMENT              | 186                        | 0.0                       | 1                       | 3.8                         |
| ENERGY RECOVERY              | 25,020                     | 5.8                       | 1                       | 3.8                         |
|                              | 428,355                    | 100.0                     | 26                      |                             |

Note: Columns may not sum to total due to rounding.  
Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**PENNSYLVANIA**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 154,520 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 288,250 Tons

**26 Pennsylvania Interstate Shipment / Receipts (As reported by Pennsylvania):**

The State to which Pennsylvania shipped the largest quantity of waste was Ohio (70,863 tons).

The State that shipped the largest quantity of waste to Pennsylvania was Ohio (73,821 tons).

## PUERTO RICO

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 83

2 Quantity of RCRA Hazardous Waste Generated: 37,335 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City                 | Total Generated<br>(Tons) |
|--------------|--------------|---|----------------------|---------------------------|
| 1            | PRD090346909 | PFIZER PHARMACEUTICALS LLC                  | BARCELONETA          | 10,268                    |
| 2            | PRD981130131 | DUPONT AGRICULTURAL CARIBE INDUSTRIES LTD   | MANATI               | 10,015                    |
| 3            | PRD090028101 | MSD INTERNATIONAL GMBH PUERTO RICO BRANCH   | BARCELONETA          | 6,418                     |
| 4            | PRD090613357 | TAPI PUERTO RICO INC                        | GUAYAMA              | 3,540                     |
| 5            | PRD987373578 | LILLY DEL CARIBE INC                        | GUAYAMA              | 1,866                     |
| 6            | PRD090592544 | QUALITY ELECTROPLATING CORP                 | CAGUAS               | 498                       |
| 7            | PRD091024786 | HERITAGE ENVIRONMENTAL SERVICES PR LLC      | MAYAGUEZ             | 461                       |
| 8            | PRD000692525 | BAXTER HEALTHCARE OF PUERTO RICO            | COMUNIDAD SAN MARTIN | 456                       |
| 9            | PRD980536007 | TOTAL PETROLEUM GUAYNABO TERMINAL           | PUERTO NUEVO         | 317                       |
| 10           | PRD987369766 | MYLAN LLC                                   | CAGUAS               | 304                       |
| 11           | PRD000632182 | PUMA ENERGY CARIBE LLC                      | INDUSTRIAL LUCHETTI  | 292                       |
| 12           | PRD987374451 | ABBOTT PHARMACEUTICALS PR LTD               | BARCELONETA          | 188                       |
| 13           | PRD987370913 | CUTLER HAMMER ELECTRICAL COMPANY            | ARECIBO              | 187                       |
| 14           | PRD105750236 | WYETH PHARMACEUTICALS COMPANY               | GUAYAMA              | 167                       |
| 15           | PRD049532807 | SARTORIUS STEDIM FILTERS INC                | YAUCO                | 163                       |
| 16           | PRD090021056 | BRISTOL-MYERS SQUIBB MANUFACTURING CO.      | HUMACAO              | 154                       |
| 17           | PRR000000836 | PATHEON PUERTO RICO INC                     | MANATI               | 133                       |
| 18           | PRD090383860 | GE INDUSTRIAL OF PR LLC                     | URB ZENO GANDIA      | 123                       |
| 19           | PRD980759443 | DUPONT ELECTRONICS MICROCIRCUITS IND LTD    | MANATI               | 116                       |
| 20           | PRD090131215 | ABBOTT PHARMACEUTICALS PR LTD               | BARCELONETA          | 108                       |
| 21           | PRD987366044 | PEPSI COLA MANUFACTURING INTERNATIONAL LIMI | CIDRA                | 97                        |
| 22           | PRD980764401 | ORTHO PHARMACEUTICAL DIVISION OF JANSSEN OI | MANATI               | 90                        |
| 23           | PRR000010918 | COOPERVISION CARIBBEAN CORPORATION          | JUANA DIAZ           | 85                        |
| 24           | PRD987370723 | GUIDANT PUERTO RICO BV/BOSTON SCIENTIFIC    | DORADO               | 75                        |
| 25           | PRD090466996 | TRADEWIND FOODS INC                         | BAYAMON              | 70                        |
| 26           | PRD090399718 | SAFETY-KLEEN ENVIROSYSTEMS CO OF PR INC     | MANATI               | 68                        |
| 27           | PRD090413568 | BRISTOL MYERS SQUIBB HOLDINGS PHARMA LTD    | MANATI               | 61                        |
| 28           | PRD090009457 | LILLY DEL CARIBE, INC - PR02/PR05           | CAROLINA             | 60                        |
| 29           | PRD987367570 | AMGEN MANUFACTURING LIMITED                 | JUNCOS               | 60                        |
| 30           | PRD980536049 | JANSSEN ORTHO LLC                           | GURABO               | 59                        |
| 31           | PRD987380078 | HAMILTON SUNDSTRAND DE PUERTO RICO INC      | SANTA ISABEL         | 47                        |
| 32           | PRD987378437 | MSD INTERNATIONAL GMBH (PUERTO RICO BRANCH  | SABANA HOYOS         | 46                        |
| 33           | PRD980767974 | MCNEIL HEALTHCARE LLC                       | LAS PIEDRAS          | 43                        |
| 34           | PRD991291949 | APP PHARMACEUTICALS MANUFACTURING LLC       | BARCELONETA          | 41                        |
| 35           | PRD090378225 | PFIZER PHARMACEUTICALS LLC                  | CAGUAS               | 40                        |
| 36           | PRR000009134 | ADVANCED GRAPHIC PRINTING INC               | AMELIA IND PARK      | 31                        |
| 37           | PRD091144709 | PFIZER PHARMACEUTICALS LLC                  | ALT VEGA BAJA        | 31                        |
| 38           | PRD059700435 | AKZO NOBEL PAINTS PUERTO RICO, LLC          | CAROLINA             | 29                        |
| 39           | PRD090506239 | HENKEL PUERTO RICO INC                      | SABANA GRANDE        | 28                        |
| 40           | PRD981139611 | PALL LIFE SCIENCES PUERTO RICO LLC          | FAJARDO              | 22                        |
| 41           | PRD090477134 | WARNER CHILCOTT COMPANY LLC                 | MANATI               | 22                        |
| 42           | PRD090074071 | BUCKEYE CARIBBEAN TERMINALS LLC             | YABUCOA              | 22                        |
| 43           | PRD000692681 | MEDTRONIC PUERTO RICO OPERATION COMPANY     | HUMACAO              | 22                        |
| 44           | PRD174050377 | PATHEON PUERTO RICO INC                     | CAGUAS               | 21                        |
| 45           | PRD090426180 | METALOR ELECTROTECHNICS (PUERTO RICO) LLC   | LUQUILLO             | 19                        |
| 46           | PRD981086960 | WARNER CHILCOTT COMPANY LLC                 | FAJARDO              | 19                        |
| 47           | PRD980298764 | LILLY DEL CARIBE INC - PR01                 | CAROLINA             | 18                        |
| 48           | PRR000014969 | CARNIVAL DESTINY IMO #9070058               | SAN JUAN             | 18                        |
| 49           | PR0000905018 | ZIMMER MANUFACTURING BV                     | MERCEDITA            | 17                        |
| 50           | PRR000021287 | ST JUDE MEDICAL PUERTO RICO LLC             | BO SANTANA           | 17                        |
| <b>Total</b> |              |   |                      | <b>37,053</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## PUERTO RICO

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 3,962                   | ONLY AN F CODE                | 594                     |  |                         |
| ONLY CORROSIVE                        | 236                     | ONLY A K CODE                 | 11                      |  |                         |
| ONLY REACTIVE                         | 8                       | ONLY A P CODE                 | 284                     |  |                         |
| ONLY D004-17                          | 279                     | ONLY A U CODE                 | 9                       |  |                         |
| ONLY D018-43                          | 20                      |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 729                     | HAS MORE THAN ONE LISTED CODE | 459                     |  |                         |
| <b>TOTAL</b>                          | <b>5,234</b>            | <b>TOTAL</b>                  | <b>1,358</b>            | <b>Both Characteristic and Listed</b>          | <b>30,720</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 681                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 29,698                  |
| HAS CORROSIVE CODE  | 272                     |   |                         | CORR. W/ AT LEAST 1 LSTD             | 6,845                   |
| HAS REACTIVE CODE   | 7                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 52                      |
| HAS D004-D017 CODE  | 83                      |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 252                     |
| HAS D018-D043 CODE  | 431                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 2,265                   |
|   |                         | HAS AN F CODE                           | 459                     | F WASTE W/ AT LEAST 1 CHAR           | 30,409                  |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 283                     |
|   |                         | HAS A P CODE                            | 31                      | P WASTE W/ AT LEAST 1 CHAR           | 24                      |
|   |                         | HAS A U CODE                            | 459                     | U WASTE W/ AT LEAST 1 CHAR           | 173                     |
| <b>TOTAL</b>  | <b>729</b>              | <b>TOTAL</b>                            | <b>459</b>              | <b>TOTAL</b>                         | <b>30,720</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, D009, D008, F005, D007, D011, D003, D006

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                                | 24,283         |
| 2            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING     | 10,015         |
| 3            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 714            |
| 4            | 5622  | WASTE TREATMENT AND DISPOSAL   | 477            |
| 5            | 4247  | PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS                    | 317            |
| 6            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                                | 314            |
| 7            | 3391  | MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING                             | 288            |
| 8            | 3353  | ELECTRICAL EQUIPMENT MANUFACTURING                                       | 189            |
| 9            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 163            |
| 10           | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING             | 116            |
| <b>Total</b> |       |  | <b>36,876</b>  |

## PUERTO RICO

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 5

9 Quantity of RCRA Hazardous Waste Managed: 5,390 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                                 | City        | Tons of Waste Managed |
|-------|--------------|---|-------------|-----------------------|
| 1     | PRD981130131 | DUPONT AGRICULTURAL CARIBE INDUSTRIES LTD | MANATI      | 2,862                 |
| 2     | PRD090613357 | TAPI PUERTO RICO INC                      | GUAYAMA     | 1,755                 |
| 3     | PRD090028101 | MSD INTERNATIONAL GMBH PUERTO RICO BRANC  | BARCELONETA | 755                   |
| 4     | PRD987370830 | CLONDALKIN PHARMA & HEALTHCARE INC (FORME | GUAYNABO    | 15                    |
| 5     | PRD090399718 | SAFETY-KLEEN ENVIROSYSTEMS CO OF PR INC   | MANATI      | 3                     |
| Total |              |   |             | 5,390                 |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## PUERTO RICO

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION      | 2,510                      | 46.6                      | 2                       | 40.0                        |
| OTHER DISPOSAL    | 2,863                      | 53.1                      | 3                       | 60.0                        |
| OTHER RECOVERY    | 14                         | 0.3                       | 1                       | 20.0                        |
| OTHER TREATMENT   | 1                          | 0.0                       | 1                       | 20.0                        |
| SOLVENTS RECOVERY | 3                          | 0.0                       | 1                       | 20.0                        |
|                   | 5,390                      | 100.0                     | 5                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL    | 2,863                      | 53.1                      | 3                       | 60.0                        |
| INCINERATION      | 2,510                      | 46.6                      | 2                       | 40.0                        |
| OTHER RECOVERY    | 14                         | 0.3                       | 1                       | 20.0                        |
| SOLVENTS RECOVERY | 3                          | 0.0                       | 1                       | 20.0                        |
| OTHER TREATMENT   | 1                          | 0.0                       | 1                       | 20.0                        |
|                   | 5,390                      | 100.0                     | 5                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL    | 2,863                      | 53.1                      | 3                       | 60.0                        |
| INCINERATION      | 2,510                      | 46.6                      | 2                       | 40.0                        |
| OTHER TREATMENT   | 1                          | 0.0                       | 1                       | 20.0                        |
| OTHER RECOVERY    | 14                         | 0.3                       | 1                       | 20.0                        |
| SOLVENTS RECOVERY | 3                          | 0.0                       | 1                       | 20.0                        |
|                   | 5,390                      | 100.0                     | 5                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D039, F003, D018, D040, D002, F005, F002, U112, U056

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## PUERTO RICO

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 79

16 Quantity of RCRA Hazardous Waste Shipped: 35,153

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City                 | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|----------------------|----------------------------|
| 1            | PRD090346909 | PFIZER PHARMACEUTICALS LLC                  | BARCELONETA          | 10,267                     |
| 2            | PRD090028101 | MSD INTERNATIONAL GMBH PUERTO RICO BRANCH   | BARCELONETA          | 8,614                      |
| 3            | PRD981130131 | DUPONT AGRICULTURAL CARIBE INDUSTRIES LTD   | MANATI               | 7,137                      |
| 4            | PRD987373578 | LILLY DEL CARIBE INC                        | GUAYAMA              | 1,865                      |
| 5            | PRD090613357 | TAPI PUERTO RICO INC                        | GUAYAMA              | 1,785                      |
| 6            | PRD090399718 | SAFETY-KLEEN ENVIROSYSTEMS CO OF PR INC     | MANATI               | 877                        |
| 7            | PRD091024786 | HERITAGE ENVIRONMENTAL SERVICES PR LLC      | MAYAGUEZ             | 461                        |
| 8            | PRD000692525 | BAXTER HEALTHCARE OF PUERTO RICO            | COMUNIDAD SAN MARTIN | 435                        |
| 9            | PRD980536007 | TOTAL PETROLEUM GUAYNABO TERMINAL           | PUERTO NUEVO         | 317                        |
| 10           | PRD987369766 | MYLAN LLC                                   | CAGUAS               | 304                        |
| 11           | PRD000632182 | PUMA ENERGY CARIBE LLC                      | INDUSTRIAL LUCHETTI  | 292                        |
| 12           | PRD987374451 | ABBOTT PHARMACEUTICALS PR LTD               | BARCELONETA          | 188                        |
| 13           | PRD987370913 | CUTLER HAMMER ELECTRICAL COMPANY            | ARECIBO              | 187                        |
| 14           | PRD105750236 | WYETH PHARMACEUTICALS COMPANY               | GUAYAMA              | 166                        |
| 15           | PRD049532807 | SARTORIUS STEDIM FILTERS INC                | YAUCO                | 163                        |
| 16           | PRD090021056 | BRISTOL-MYERS SQUIBB MANUFACTURING CO.      | HUMACAO              | 154                        |
| 17           | PRR000000836 | PATHEON PUERTO RICO INC                     | MANATI               | 133                        |
| 18           | PRD090383860 | GE INDUSTRIAL OF PR LLC                     | URB ZENO GANDIA      | 123                        |
| 19           | PRD980759443 | DUPONT ELECTRONICS MICROCIRCUITS IND LTD    | MANATI               | 115                        |
| 20           | PRD090131215 | ABBOTT PHARMACEUTICALS PR LTD               | BARCELONETA          | 108                        |
| 21           | PRD987366044 | PEPSI COLA MANUFACTURING INTERNATIONAL LIM  | CIDRA                | 98                         |
| 22           | PRD980764401 | ORTHO PHARMACEUTICAL DIVISION OF JANSSEN C  | MANATI               | 86                         |
| 23           | PRR000010918 | COOPERVISION CARIBBEAN CORPORATION          | JUANA DIAZ           | 85                         |
| 24           | PRD987370723 | GUIDANT PUERTO RICO BV/BOSTON SCIENTIFIC    | DORADO               | 75                         |
| 25           | PRD090466996 | TRADEWIND FOODS INC                         | BAYAMON              | 67                         |
| 26           | PRD090413568 | BRISTOL MYERS SQUIBB HOLDINGS PHARMA LTD    | MANATI               | 61                         |
| 27           | PRD987367570 | AMGEN MANUFACTURING LIMITED                 | JUNCOS               | 60                         |
| 28           | PRD090009457 | LILLY DEL CARIBE, INC - PR02/PR05           | CAROLINA             | 59                         |
| 29           | PRD980536049 | JANSSEN ORTHO LLC                           | GURABO               | 59                         |
| 30           | PRD987380078 | HAMILTON SUNDSTRAND DE PUERTO RICO INC      | SANTA ISABEL         | 47                         |
| 31           | PRD987378437 | MSD INTERNATIONAL GMBH (PUERTO RICO BRANCH) | SABANA HOYOS         | 45                         |
| 32           | PRD980767974 | MCNEIL HEALTHCARE LLC                       | LAS PIEDRAS          | 43                         |
| 33           | PRD991291949 | APP PHARMACEUTICALS MANUFACTURING LLC       | BARCELONETA          | 41                         |
| 34           | PRD090378225 | PFIZER PHARMACEUTICALS LLC                  | CAGUAS               | 40                         |
| 35           | PRR000009134 | ADVANCED GRAPHIC PRINTING INC               | AMELIA IND PARK      | 31                         |
| 36           | PRD091144709 | PFIZER PHARMACEUTICALS LLC                  | ALT VEGA BAJA        | 31                         |
| 37           | PRD059700435 | AKZO NOBEL PAINTS PUERTO RICO, LLC          | CAROLINA             | 29                         |
| 38           | PRD090506239 | HENKEL PUERTO RICO INC                      | SABANA GRANDE        | 28                         |
| 39           | PRD981139611 | PALL LIFE SCIENCES PUERTO RICO LLC          | FAJARDO              | 22                         |
| 40           | PRD090477134 | WARNER CHILCOTT COMPANY LLC                 | MANATI               | 22                         |
| 41           | PRD090074071 | BUCKEYE CARIBBEAN TERMINALS LLC             | YABUCOA              | 22                         |
| 42           | PRD000692681 | MEDTRONIC PUERTO RICO OPERATION COMPANY     | HUMACAO              | 22                         |
| 43           | PRD174050377 | PATHEON PUERTO RICO INC                     | CAGUAS               | 21                         |
| 44           | PRD090426180 | METALOR ELECTROTECHNICS (PUERTO RICO) LLC   | LUQUILLO             | 19                         |
| 45           | PRD981086960 | WARNER CHILCOTT COMPANY LLC                 | FAJARDO              | 19                         |
| 46           | PRD980298764 | LILLY DEL CARIBE INC - PR01                 | CAROLINA             | 18                         |
| 47           | PRR000014969 | CARNIVAL DESTINY IMO #9070058               | SAN JUAN             | 18                         |
| 48           | PR0000905018 | ZIMMER MANUFACTURING BV                     | MERCEDITA            | 17                         |
| 49           | PRR000021287 | ST JUDE MEDICAL PUERTO RICO LLC             | BO SANTANA           | 17                         |
| 50           | PRR000018192 | LIFESCAN PRODUCTS LLC                       | SAN ANTONIO          | 17                         |
| <b>Total</b> |              |   |                      | <b>34,909</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**PUERTO RICO**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 3

**19** Quantity of RCRA Hazardous Waste Received: 1,184 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City        | Quantity Received<br>(Tons) |
|--------------|--------------|---|-------------|-----------------------------|
| 1            | PRD090399718 | SAFETY-KLEEN ENVIROSYSTEMS CO OF PR INC     | MANATI      | 921                         |
| 2            | PRD091024786 | HERITAGE ENVIRONMENTAL SERVICES PR LLC      | MAYAGUEZ    | 251                         |
| 3            | PRD090028101 | MSD INTERNATIONAL GMBH PUERTO RICO BRANCH L | BARCELONETA | 13                          |
| <b>Total</b> |              |   |             | <b>1,184</b>                |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## PUERTO RICO

## 2011 WASTE RECEIPTS, CONTINUED

## 21 Quantity of RCRA Hazardous Waste Managed by Management Method

Limited to Waste Received from Offsite, 2011

| Management Method       | Quantity Managed (tons) | Percentage of Quantity | Number of Facilities | Percentage of Facilities |
|-------------------------|-------------------------|------------------------|----------------------|--------------------------|
| INCINERATION            | 13                      | 1.1                    | 1                    | 33.3                     |
| OTHER DISPOSAL          | 0                       | 0.0                    | 1                    | 33.3                     |
| SOLVENTS RECOVERY       | 3                       | 0.2                    | 1                    | 33.3                     |
| STORAGE AND/OR TRANSFER | 1,168                   | 98.7                   | 2                    | 66.7                     |
|                         | 1,184                   | 100.0                  | 3                    |                          |

## 22 Management Method by Quantity of RCRA Hazardous Waste Managed

Limited to Waste Received from Offsite, 2011

| Management Method       | Quantity Managed (tons) | Percentage of Quantity | Number of Facilities | Percentage of Facilities |
|-------------------------|-------------------------|------------------------|----------------------|--------------------------|
| STORAGE AND/OR TRANSFER | 1,168                   | 98.7                   | 2                    | 66.7                     |
| INCINERATION            | 13                      | 1.1                    | 1                    | 33.3                     |
| SOLVENTS RECOVERY       | 3                       | 0.2                    | 1                    | 33.3                     |
| OTHER DISPOSAL          | 0                       | 0.0                    | 1                    | 33.3                     |
|                         | 1,184                   | 100.0                  | 3                    |                          |

## 23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities

Limited to Waste Received from Offsite, 2011

| Management Method       | Quantity Managed (tons) | Percentage of Quantity | Number of Facilities | Percentage of Facilities |
|-------------------------|-------------------------|------------------------|----------------------|--------------------------|
| STORAGE AND/OR TRANSFER | 1,168                   | 98.7                   | 2                    | 66.7                     |
| OTHER DISPOSAL          | 0                       | 0.0                    | 1                    | 33.3                     |
| SOLVENTS RECOVERY       | 3                       | 0.2                    | 1                    | 33.3                     |
| INCINERATION            | 13                      | 1.1                    | 1                    | 33.3                     |
|                         | 1,184                   | 100.0                  | 3                    |                          |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**PUERTO RICO**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 34,511 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 21 Tons

**26 Puerto Rico Interstate Shipment / Receipts (As reported by Puerto Rico):**

The State to which Puerto Rico shipped the largest quantity of waste was New Jersey (15,026 tons).

The State that shipped the largest quantity of waste to Puerto Rico was Florida (21 tons).

## RHODE ISLAND

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 92

2 Quantity of RCRA Hazardous Waste Generated: 8,619 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City             | Total Generated<br>(Tons) |
|--------------|--------------|--|------------------|---------------------------|
| 1            | RIR000015727 | RHODES TECHNOLOGIES                          | COVENTRY         | 1,833                     |
| 2            | RID987475498 | ASPEN AEROGELS INC                           | EAST PROVIDENCE  | 1,306                     |
| 3            | RID059735761 | ADVANCED CHEMICAL COMPANY                    | WARWICK          | 686                       |
| 4            | RID084802842 | SAFETY-KLEEN SYTEMS INC                      | CRANSTON         | 622                       |
| 5            | RID980913354 | INTERPLEX ENGINEERED PRODUCTS                | EAST PROVIDENCE  | 592                       |
| 6            | RID000791434 | CHEMART CO.                                  | LINCOLN          | 358                       |
| 7            | RID042131318 | DSM NEORESINS INC                            | EAST PROVIDENCE  | 327                       |
| 8            | RI6170022036 | NAVAL CONSTRUCTION BATTALION CENTER - DAVIS  | NORTH KINGSTOWN  | 292                       |
| 9            | RID058065707 | ARKWRIGHT ADVANCED COATING INC               | COVENTRY         | 227                       |
| 10           | RID001200609 | PEASE AND CURREN, INC                        | WARWICK          | 193                       |
| 11           | RID045365541 | MATERION TECHNICAL MATERIALS INC             | LINCOLN          | 153                       |
| 12           | RID075705780 | UNIVERSITY OF RHODE ISLAND - KINGSTON CAMPUS | SOUTH KINGSTON   | 129                       |
| 13           | RID001202050 | EXXONMOBIL OIL CORP- EAST PROV TERMINAL      | EAST PROVIDENCE  | 127                       |
| 14           | RID001205921 | EATON LLC                                    | WARWICK          | 94                        |
| 15           | RID001200252 | TECHNIC INC                                  | CRANSTON         | 93                        |
| 16           | RID051507044 | STANLEY BLACK AND DECKER                     | EAST GREENWICH   | 85                        |
| 17           | RIR000504936 | ACN - PROVIDENCE LLC                         | SMITHFIELD       | 84                        |
| 18           | RID075704999 | ADMIRAL PACKAGING INC                        | PROVIDENCE       | 83                        |
| 19           | RID987490315 | NEW ENGLAND UNION CO INC                     | WEST WARWICK     | 76                        |
| 20           | RID001786516 | UNIVAR USA INC                               | PROVIDENCE       | 71                        |
| 21           | RI5000011510 | FINE LINE GRAPHICS INC                       | SMITHFIELD       | 69                        |
| 22           | RIR000015594 | FUJIFILMELECTRONIC MATERIALS USA INC         | NORTH KINGSTOWN  | 64                        |
| 23           | RID059735944 | MONARCH METAL FINISHING CO., INC.            | PROVIDENCE       | 63                        |
| 24           | RIR000506063 | SENECO MARINE                                | NORTH KINGSTOWN  | 61                        |
| 25           | RID001198605 | OSRAM SYLVANIA                               | CENTRAL FALLS    | 53                        |
| 26           | RID987489473 | TECHNIC INC ENGINEERED POWDERS DIVISION      | WOONSOCKET       | 48                        |
| 27           | RID075710996 | RI HOSPITAL                                  | PROVIDENCE       | 46                        |
| 28           | RID063900690 | GENERAL DYNAMICS ELECTRIC BOAT               | NORTH KINGSTOWN  | 45                        |
| 29           | RID001460534 | TANURY INDUSTRIES                            | LINCOLN          | 45                        |
| 30           | RID001195387 | INDUPLATE LLC                                | NORTH PROVIDENCE | 40                        |
| 31           | RIR000501171 | TIFFANY & CO- FOREST HILL MFG                | CUMBERLAND       | 40                        |
| 32           | RID987488301 | PROVIDENCE POWER LLC                         | JOHNSTON         | 39                        |
| 33           | RID987467263 | IMMUNEX RHODE ISLAND CORPORATION             | WEST GREENWICH   | 37                        |
| 34           | RI5000009621 | MITKEM LABORATORIES A DIVISION OF SPECTRUM   | WARWICK          | 34                        |
| 35           | RID001198514 | KENYON INDUSTRIES INC                        | RICHMOND         | 32                        |
| 36           | RID987467248 | INTERNATIONAL ETCHING INC                    | PROVIDENCE       | 32                        |
| 37           | RID001187277 | PROVIDENCE METALLIZING CO., INC.             | PAWTUCKET        | 31                        |
| 38           | RID981062805 | ELECTROLIZING INC                            | PROVIDENCE       | 26                        |
| 39           | RID075728030 | FUJIFILM ELECTRONIC MATERIALS USA INC        | EAST PROVIDENCE  | 26                        |
| 40           | RID980914550 | ESS LABORATORY                               | CRANSTON         | 19                        |
| 41           | RID980523096 | THE NARRAGANSETT ELECTRIC COMPANY            | PROVIDENCE       | 19                        |
| 42           | RIR000016675 | BROWN UNIVERSITY                             | PROVIDENCE       | 19                        |
| 43           | RID001199728 | COOLEY INCORPORATED                          | PAWTUCKET        | 19                        |
| 44           | RID000001701 | VISHAY ELECTRO-FILMS                         | WARWICK          | 19                        |
| 45           | RID001805670 | RHODES TECHNOLOGIES                          | COVENTRY         | 16                        |
| 46           | RID072216583 | IRA GREEN, INC.                              | PROVIDENCE       | 16                        |
| 47           | RID980668610 | C & C RHODE ISLAND                           | PROVIDENCE       | 15                        |
| 48           | RID001192145 | AMTROL INC                                   | WEST WARWICK     | 15                        |
| 49           | RIR000017558 | ALEXION PHARMACEUTICALS                      | SMITHFIELD       | 14                        |
| 50           | RID987475464 | FM GLOBAL RESEARCH CAMPUS                    | GLOCESTER        | 14                        |
| <b>Total</b> |              |  |                  | <b>8,445</b>              |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## RHODE ISLAND

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 1,705                   | ONLY AN F CODE                | 245                     |  |                         |
| ONLY CORROSIVE                        | 1,520                   | ONLY A K CODE                 | 0                       |  |                         |
| ONLY REACTIVE                         | 8                       | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 733                     | ONLY A U CODE                 | 295                     |  |                         |
| ONLY D018-43                          | 46                      |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 1,769                   | HAS MORE THAN ONE LISTED CODE | 39                      |  |                         |
| <b>TOTAL</b>                          | <b>5,782</b>            | <b>TOTAL</b>                  | <b>578</b>              | <b>Both Characteristic and Listed</b>          | <b>2,257</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 661                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 1,228                   |
| HAS CORROSIVE CODE  | 1,118                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 1,201                   |
| HAS REACTIVE CODE   | 8                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 850                     |
| HAS D004-D017 CODE  | 1,200                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 914                     |
| HAS D018-D043 CODE  | 644                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 414                     |
|   |                         | HAS AN F CODE                           | 31                      | F WASTE W/ AT LEAST 1 CHAR           | 2,243                   |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A P CODE                            | 8                       | P WASTE W/ AT LEAST 1 CHAR           | 6                       |
|   |                         | HAS A U CODE                            | 39                      | U WASTE W/ AT LEAST 1 CHAR           | 43                      |
| <b>TOTAL</b>  | <b>1,769</b>            | <b>TOTAL</b>                            | <b>39</b>               | <b>TOTAL</b>                         | <b>2,257</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D008, F003, D007, D011, F005, D035, D003, D009

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                                | 1,864          |
| 2            | 3261  | PLASTICS PRODUCT MANUFACTURING   | 1,319          |
| 3            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 1,183          |
| 4            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                     | 780            |
| 5            | 5622  | WASTE TREATMENT AND DISPOSAL   | 622            |
| 6            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 327            |
| 7            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                              | 302            |
| 8            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING             | 242            |
| 9            | 3222  | CONVERTED PAPER PRODUCT MANUFACTURING                                    | 227            |
| 10           | 3231  | PRINTING AND RELATED SUPPORT ACTIVITIES                                  | 158            |
| <b>Total</b> |       |  | <b>7,023</b>   |

## RHODE ISLAND

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 4

9 Quantity of RCRA Hazardous Waste Managed: 10,087 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                 | City       | Tons of Waste Managed |
|-------|--------------|---------------------------|------------|-----------------------|
| 1     | RID084802842 | SAFETY-KLEEN SYTEMS INC   | CRANSTON   | 9,321                 |
| 2     | RID059735761 | ADVANCED CHEMICAL COMPANY | WARWICK    | 686                   |
| 3     | RID075704999 | ADMIRAL PACKAGING INC     | PROVIDENCE | 63                    |
| 4     | RID095978995 | GEIB REFINING CORP        | WARWICK    | 17                    |
| Total |              |                           |            | 10,087                |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## RHODE ISLAND

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 6                          | 0.1                       | 2                       | 50.0                        |
| FUEL BLENDING               | 2,893                      | 28.7                      | 1                       | 25.0                        |
| INCINERATION                | 11                         | 0.1                       | 1                       | 25.0                        |
| METALS RECOVERY             | 689                        | 6.8                       | 2                       | 50.0                        |
| OTHER DISPOSAL              | 6                          | 0.1                       | 1                       | 25.0                        |
| SOLVENTS RECOVERY           | 6,482                      | 64.3                      | 2                       | 50.0                        |
|                             | 10,087                     | 100.0                     | 4                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY           | 6,482                      | 64.3                      | 2                       | 50.0                        |
| FUEL BLENDING               | 2,893                      | 28.7                      | 1                       | 25.0                        |
| METALS RECOVERY             | 689                        | 6.8                       | 2                       | 50.0                        |
| INCINERATION                | 11                         | 0.1                       | 1                       | 25.0                        |
| AQUEOUS INORGANIC TREATMENT | 6                          | 0.1                       | 2                       | 50.0                        |
| OTHER DISPOSAL              | 6                          | 0.1                       | 1                       | 25.0                        |
|                             | 10,087                     | 100.0                     | 4                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY           | 6,482                      | 64.3                      | 2                       | 50.0                        |
| AQUEOUS INORGANIC TREATMENT | 6                          | 0.1                       | 2                       | 50.0                        |
| METALS RECOVERY             | 689                        | 6.8                       | 2                       | 50.0                        |
| OTHER DISPOSAL              | 6                          | 0.1                       | 1                       | 25.0                        |
| FUEL BLENDING               | 2,893                      | 28.7                      | 1                       | 25.0                        |
| INCINERATION                | 11                         | 0.1                       | 1                       | 25.0                        |
|                             | 10,087                     | 100.0                     | 4                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D039, D040, F002, D007, D029, D001, D018, F003, F005, D008

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## RHODE ISLAND

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 91

16 Quantity of RCRA Hazardous Waste Shipped: 16,239

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City             | Quantity Shipped<br>(Tons) |
|--------------|--------------|--|------------------|----------------------------|
| 1            | RID084802842 | SAFETY-KLEEN SYTEMS INC                    | CRANSTON         | 5,435                      |
| 2            | RID040098352 | NORTHLAND ENVIRONMENTAL LLC                | PROVIDENCE       | 2,947                      |
| 3            | RIR000015727 | RHODES TECHNOLOGIES                        | COVENTRY         | 1,833                      |
| 4            | RID987475498 | ASPEN AEROGELS INC                         | EAST PROVIDENCE  | 1,306                      |
| 5            | RID001202050 | EXXONMOBIL OIL CORP- EAST PROV TERMINAL    | EAST PROVIDENCE  | 729                        |
| 6            | RID980913354 | INTERPLEX ENGINEERED PRODUCTS              | EAST PROVIDENCE  | 592                        |
| 7            | RID000791434 | CHEMART CO.                                | LINCOLN          | 358                        |
| 8            | RID042131318 | DSM NEORESINS INC                          | EAST PROVIDENCE  | 327                        |
| 9            | RI6170022036 | NAVAL CONSTRUCTION BATTALION CENTER - DAVI | NORTH KINGSTOWN  | 292                        |
| 10           | RID058065707 | ARKWRIGHT ADVANCED COATING INC             | COVENTRY         | 227                        |
| 11           | RID001200609 | PEASE AND CURREN, INC                      | WARWICK          | 193                        |
| 12           | RID045365541 | MATERION TECHNICAL MATERIALS INC           | LINCOLN          | 153                        |
| 13           | RID075705780 | UNIVERSITY OF RHODE ISLAND - KINGSTON CAMP | SOUTH KINGSTON   | 129                        |
| 14           | RID001205921 | EATON LLC                                  | WARWICK          | 98                         |
| 15           | RID001200252 | TECHNIC INC                                | CRANSTON         | 93                         |
| 16           | RID051507044 | STANLEY BLACK AND DECKER                   | EAST GREENWICH   | 85                         |
| 17           | RIR000504936 | ACN - PROVIDENCE LLC                       | SMITHFIELD       | 84                         |
| 18           | RID987490315 | NEW ENGLAND UNION CO INC                   | WEST WARWICK     | 76                         |
| 19           | RID001786516 | UNIVAR USA INC                             | PROVIDENCE       | 71                         |
| 20           | RI5000011510 | FINE LINE GRAPHICS INC                     | SMITHFIELD       | 69                         |
| 21           | RIR000015594 | FUJIFILMELECTRONIC MATERIALS USA INC       | NORTH KINGSTOWN  | 64                         |
| 22           | RID059735944 | MONARCH METAL FINISHING CO., INC.          | PROVIDENCE       | 63                         |
| 23           | RIR000506063 | SENECO MARINE                              | NORTH KINGSTOWN  | 61                         |
| 24           | RID001198605 | OSRAM SYLVANIA                             | CENTRAL FALLS    | 53                         |
| 25           | RID063900690 | GENERAL DYNAMICS ELECTRIC BOAT             | NORTH KINGSTOWN  | 51                         |
| 26           | RID987489473 | TECHNIC INC ENGINEERED POWDERS DIVISION    | WOONSOCKET       | 48                         |
| 27           | RID075710996 | RI HOSPITAL                                | PROVIDENCE       | 46                         |
| 28           | RID001460534 | TANURY INDUSTRIES                          | LINCOLN          | 45                         |
| 29           | RID001195387 | INDUPLATE LLC                              | NORTH PROVIDENCE | 40                         |
| 30           | RIR000501171 | TIFFANY & CO- FOREST HILL MFG              | CUMBERLAND       | 39                         |
| 31           | RID987488301 | PROVIDENCE POWER LLC                       | JOHNSTON         | 39                         |
| 32           | RID987467263 | IMMUNEX RHODE ISLAND CORPORATION           | WEST GREENWICH   | 37                         |
| 33           | RI5000009621 | MITKEM LABORATORIES A DIVISION OF SPECTRUM | WARWICK          | 34                         |
| 34           | RID001198514 | KENYON INDUSTRIES INC                      | RICHMOND         | 32                         |
| 35           | RID987467248 | INTERNATIONAL ETCHING INC                  | PROVIDENCE       | 32                         |
| 36           | RID001187277 | PROVIDENCE METALLIZING CO., INC.           | PAWTUCKET        | 31                         |
| 37           | RID981062805 | ELECTROLIZING INC                          | PROVIDENCE       | 26                         |
| 38           | RID075728030 | FUJIFILM ELECTRONIC MATERIALS USA INC      | EAST PROVIDENCE  | 26                         |
| 39           | RID980914550 | ESS LABORATORY                             | CRANSTON         | 19                         |
| 40           | RID980523096 | THE NARRAGANSETT ELECTRIC COMPANY          | PROVIDENCE       | 19                         |
| 41           | RIR000016675 | BROWN UNIVERSITY                           | PROVIDENCE       | 19                         |
| 42           | RID001199728 | COOLEY INCORPORATED                        | PAWTUCKET        | 19                         |
| 43           | RID000001701 | VISHAY ELECTRO-FILMS                       | WARWICK          | 19                         |
| 44           | RID075704999 | ADMIRAL PACKAGING INC                      | PROVIDENCE       | 19                         |
| 45           | RID001805670 | RHODES TECHNOLOGIES                        | COVENTRY         | 16                         |
| 46           | RID072216583 | IRA GREEN, INC.                            | PROVIDENCE       | 16                         |
| 47           | RID980668610 | C & C RHODE ISLAND                         | PROVIDENCE       | 15                         |
| 48           | RID001192145 | AMTROL INC                                 | WEST WARWICK     | 15                         |
| 49           | RIR000017558 | ALEXION PHARMACEUTICALS                    | SMITHFIELD       | 14                         |
| 50           | RID987475464 | FM GLOBAL RESEARCH CAMPUS                  | GLOCESTER        | 14                         |
| <b>Total</b> |              |  |                  | <b>16,066</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**RHODE ISLAND**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 3

**19** Quantity of RCRA Hazardous Waste Received: 10,001 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                   | City       | Quantity Received<br>(Tons) |
|--------------|--------------|-----------------------------|------------|-----------------------------|
| 1            | RID084802842 | SAFETY-KLEEN SYTEMS INC     | CRANSTON   | 5,060                       |
| 2            | RID040098352 | NORTHLAND ENVIRONMENTAL LLC | PROVIDENCE | 4,924                       |
| 3            | RID095978995 | GEIB REFINING CORP          | WARWICK    | 17                          |
| <b>Total</b> |              |                             |            | <b>10,001</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## RHODE ISLAND

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method**  
**Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 6                          | 0.1                       | 2                       | 66.7                        |
| FUEL BLENDING               | 1,028                      | 10.3                      | 1                       | 33.3                        |
| INCINERATION                | 11                         | 0.1                       | 1                       | 33.3                        |
| METALS RECOVERY             | 2                          | 0.0                       | 1                       | 33.3                        |
| OTHER DISPOSAL              | 6                          | 0.1                       | 1                       | 33.3                        |
| SOLVENTS RECOVERY           | 2,965                      | 29.7                      | 1                       | 33.3                        |
| STORAGE AND/OR TRANSFER     | 5,982                      | 59.8                      | 2                       | 66.7                        |
|                             | 10,001                     | 100.0                     | 3                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed**  
**Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER     | 5,982                      | 59.8                      | 2                       | 66.7                        |
| SOLVENTS RECOVERY           | 2,965                      | 29.7                      | 1                       | 33.3                        |
| FUEL BLENDING               | 1,028                      | 10.3                      | 1                       | 33.3                        |
| INCINERATION                | 11                         | 0.1                       | 1                       | 33.3                        |
| AQUEOUS INORGANIC TREATMENT | 6                          | 0.1                       | 2                       | 66.7                        |
| OTHER DISPOSAL              | 6                          | 0.1                       | 1                       | 33.3                        |
| METALS RECOVERY             | 2                          | 0.0                       | 1                       | 33.3                        |
|                             | 10,001                     | 100.0                     | 3                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities**  
**Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 6                          | 0.1                       | 2                       | 66.7                        |
| STORAGE AND/OR TRANSFER     | 5,982                      | 59.8                      | 2                       | 66.7                        |
| METALS RECOVERY             | 2                          | 0.0                       | 1                       | 33.3                        |
| FUEL BLENDING               | 1,028                      | 10.3                      | 1                       | 33.3                        |
| OTHER DISPOSAL              | 6                          | 0.1                       | 1                       | 33.3                        |
| INCINERATION                | 11                         | 0.1                       | 1                       | 33.3                        |
| SOLVENTS RECOVERY           | 2,965                      | 29.7                      | 1                       | 33.3                        |
|                             | 10,001                     | 100.0                     | 3                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**RHODE ISLAND**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 14,091 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 8,561 Tons

**26 Rhode Island Interstate Shipment / Receipts (As reported by Rhode Island):**

The State to which Rhode Island shipped the largest quantity of waste was New Jersey (4,977 tons).

The State that shipped the largest quantity of waste to Rhode Island was Massachusetts (2,612 tons).

## SOUTH CAROLINA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 284

2 Quantity of RCRA Hazardous Waste Generated: 140,496 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                | City             | Total Generated<br>(Tons) |
|--------------|--------------|--|------------------|---------------------------|
| 1            | SCR000002006 | NUCOR STEEL BERKELEY COUNTY              | HUGER            | 43,016                    |
| 2            | SCD003350675 | AGRIUM US INC                            | HARTSVILLE       | 20,595                    |
| 3            | SCD044940369 | NUCOR STEEL SC DARLINGTON                | DARLINGTON       | 13,159                    |
| 4            | SCD003353760 | CMC STEEL SOUTH CAROLINA PLANT 1500      | CAYCE            | 12,356                    |
| 5            | SCD991277716 | ARCELORMITTAL GEORGETOWN                 | GEORGETOWN       | 6,616                     |
| 6            | SCD987597820 | ROCHE CAROLINA INC                       | FLORENCE         | 6,182                     |
| 7            | SCD003351699 | GIANT CEMENT COMPANY                     | HARLEYVILLE      | 4,666                     |
| 8            | SCD070375985 | PINEWOOD SITE CUSTODIAL TRUST (PSCT)     | PINEWOOD         | 4,017                     |
| 9            | SCD043384072 | ALBEMARLE CORP ORANGEBURG PLT            | ORANGEBURG       | 2,767                     |
| 10           | SCR000006155 | CONBRACO INDUSTRIES INC                  | PAGELAND         | 2,696                     |
| 11           | SCD042627448 | WEYLICHEM US INC                         | ELGIN            | 2,152                     |
| 12           | SC1890008989 | DOE/WSRC SAVANNAH RIVER SITE             | JACKSON          | 1,983                     |
| 13           | SCD097366165 | ALUMAX OF SC                             | GOOSE CREEK      | 1,850                     |
| 14           | SCD077995488 | SAFETY KLEEN SYSTEMS INC LEXINGTON       | LEXINGTON        | 1,534                     |
| 15           | SCD086862950 | NATION FORD CHEMICAL CO                  | FORT MILL        | 1,477                     |
| 16           | SCD980500052 | 3V INCORPORATED                          | GEORGETOWN       | 1,104                     |
| 17           | SCR000763045 | TRINITY HIGHWAY PRODUCTS LLC             | ORANGEBURG       | 1,085                     |
| 18           | SCD003358389 | RHODIA INC                               | CHARLESTON       | 675                       |
| 19           | SCR000004168 | IRIX MANUFACTURING INC                   | GREENVILLE       | 567                       |
| 20           | SCD982106932 | SOUTH ATLANTIC GALVANIZING               | TRAVELERS REST   | 499                       |
| 21           | SCD070365051 | SYMRISE INC BUSHY PARK PLT               | GOOSE CREEK      | 494                       |
| 22           | SCD047555453 | CONSOLIDATED METAL PRODUCTS              | COLUMBIA         | 436                       |
| 23           | SCD981479710 | ORTEC INCORPORATED                       | EASLEY           | 412                       |
| 24           | SCR000006114 | INDUSTRIAL GALVANIZERS COLUMBIA          | WEST COLUMBIA    | 403                       |
| 25           | SCR000006429 | IRIX PHARMACEUTICALS INC                 | FLORENCE         | 381                       |
| 26           | SCD981014780 | INCHEM CORPORATION                       | ROCK HILL        | 373                       |
| 27           | SCD987571551 | FUJIFILM MANUFACTURING USA INC           | GREENWOOD        | 362                       |
| 28           | SCD003361714 | CYTEC CARBON FIBERS LLC GREENVILLE SC    | PIEDMONT         | 255                       |
| 29           | SCR000006270 | CATERPILLAR INC PRECISION PARTS PROD GR  | SUMTER           | 229                       |
| 30           | SCD047554753 | CRYOVAC SIMPSONVILLE                     | SIMPSONVILLE     | 229                       |
| 31           | SCD041388554 | ENERSYS INC                              | SUMTER           | 210                       |
| 32           | SCR000000505 | PLASTIC OMNIUM AUTO EXTERIORS            | ANDERSON         | 209                       |
| 33           | SCD987595451 | CYTEC INDUSTRIES INC NORTH AUGUSTA PLANT | NORTH AUGUSTA    | 205                       |
| 34           | SCR000770297 | WM LAMPTRACKER INC                       | WILLIAMSTON      | 201                       |
| 35           | SCR000003806 | ATOTECH USA INC ROCK HILL                | ROCK HILL        | 199                       |
| 36           | SCR000766857 | BOEING COMMERCIAL AIRPLANES CHARLESTON S | NORTH CHARLESTON | 197                       |
| 37           | SCR000003848 | SUMTER COATINGS INC                      | SUMTER           | 190                       |
| 38           | SCD000003558 | KEMET ELECTRONICS CORP - BUILDING 1      | SIMPSONVILLE     | 189                       |
| 39           | SCD000608331 | AKZONOBEL                                | LANCASTER        | 180                       |
| 40           | SCD981920374 | GREENWOOD FABRICATING AND PLATING LLC    | GREENWOOD        | 177                       |
| 41           | SCR000073833 | COATEX LLC                               | CHESTER          | 172                       |
| 42           | SCD003341849 | ROY METAL FINISHING CO INC               | CONESTEE         | 169                       |
| 43           | SCD059918862 | CONBRACO INDUSTRIES                      | CONWAY           | 166                       |
| 44           | SCR000006189 | CONSTANTIA HUECK FOILS LLC               | BLYTHEWOOD       | 145                       |
| 45           | SCD982159154 | EATON AEROSPACE CHARLESTON MACHINING CTR | NORTH CHARLESTON | 144                       |
| 46           | SCD051014637 | CYTEC INDUSTRIES INC LANGLEY PLANT       | LANGLEY          | 137                       |
| 47           | SCR000006452 | TE CONNECTIVITY                          | ROCK HILL        | 135                       |
| 48           | SCR000006692 | FINNCHAM USA INC                         | EASTOVER         | 134                       |
| 49           | SCD987584778 | SUMTER TRANSPORT CO                      | SUMTER           | 115                       |
| 50           | SCD000613224 | RR DONNELLEY & SONS COMPANY              | SPARTANBURG      | 109                       |
| <b>Total</b> |              |  |                  | <b>135,957</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## SOUTH CAROLINA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 1,810                   | ONLY AN F CODE                | 23,051                  |  |                         |
| ONLY CORROSIVE                        | 929                     | ONLY A K CODE                 | 64,607                  |  |                         |
| ONLY REACTIVE                         | 18                      | ONLY A P CODE                 | 4                       |  |                         |
| ONLY D004-17                          | 7,416                   | ONLY A U CODE                 | 280                     |  |                         |
| ONLY D018-43                          | 68                      |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 4,859                   | HAS MORE THAN ONE LISTED CODE | 24                      |  |                         |
| <b>TOTAL</b>                          | <b>15,099</b>           | <b>TOTAL</b>                  | <b>87,966</b>           | <b>Both Characteristic and Listed</b>          | <b>37,431</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 2,470                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 20,558                  |
| HAS CORROSIVE CODE  | 2,590                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 944                     |
| HAS REACTIVE CODE   | 72                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 17                      |
| HAS D004-D017 CODE  | 2,590                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 17,428                  |
| HAS D018-D043 CODE  | 2,076                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 9,181                   |
|   |                         | HAS AN F CODE                           | 23                      | F WASTE W/ AT LEAST 1 CHAR           | 24,845                  |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 12,404                  |
|   |                         | HAS A P CODE                            | 1                       | P WASTE W/ AT LEAST 1 CHAR           | 59                      |
|   |                         | HAS A U CODE                            | 24                      | U WASTE W/ AT LEAST 1 CHAR           | 224                     |
| <b>TOTAL</b>  | <b>4,859</b>            | <b>TOTAL</b>                            | <b>24</b>               | <b>TOTAL</b>                         | <b>37,431</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, D007, D008, F005, D003, D035, D005, D006

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3111  | ANIMAL FOOD MANUFACTURING  | 43,016         |
| 2            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                    | 32,131         |
| 3            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING | 20,595         |
| 4            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                            | 6,793          |
| 5            | 3251  | BASIC CHEMICAL MANUFACTURING   | 5,438          |
| 6            | 3273  | CEMENT AND CONCRETE PRODUCT MANUFACTURING                            | 4,674          |
| 7            | 5622  | WASTE TREATMENT AND DISPOSAL   | 4,017          |
| 8            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES             | 3,056          |
| 9            | 3329  | OTHER FABRICATED METAL PRODUCT MANUFACTURING                         | 2,875          |
| 10           | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING                 | 2,584          |
| <b>Total</b> |       |  | <b>125,179</b> |

## SOUTH CAROLINA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 8

9 Quantity of RCRA Hazardous Waste Managed: 160,003 Tons

## 10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                          | City           | Tons of Waste Managed |
|-------|--------------|------------------------------------|----------------|-----------------------|
| 1     | SCD003351699 | GIANT CEMENT COMPANY               | HARLEYVILLE    | 67,215                |
| 2     | SCD003368891 | HOLCIM US INC GEOCYCLE LLC         | HOLLY HILL     | 51,823                |
| 3     | SCD036275626 | GIANT RESOURCE RECOVERY SUMTER INC | SUMTER         | 29,404                |
| 4     | SCD077995488 | SAFETY KLEEN SYSTEMS INC LEXINGTON | LEXINGTON      | 9,171                 |
| 5     | SCD043384072 | ALBEMARLE CORP ORANGEBURG PLT      | ORANGEBURG     | 2,388                 |
| 6     | SC8170022620 | JOINT BASE CHARLESTON WEAPONS      | GOOSE CREEK    | 0                     |
| 7     | SC3570024460 | JOINT BASE CHARLESTON AIR          | CHARLESTON AFB | 0                     |
| 8     | SC3210020449 | USATC & FORT JACKSON               | FORT JACKSON   | 0                     |
| Total |              |                                    |                | 160,003               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.  
Facilities reporting storage only and their quantity managed are excluded.

## SOUTH CAROLINA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY                    | 121,427                    | 75.9                      | 3                       | 37.5                        |
| FUEL BLENDING                      | 28,028                     | 17.5                      | 1                       | 12.5                        |
| INCINERATION                       | 18                         | 0.0                       | 1                       | 12.5                        |
| LAND TREATMENT/APPLICATION/FARMING | 0                          | 0.0                       | 1                       | 12.5                        |
| OTHER TREATMENT                    | 1,612                      | 1.0                       | 1                       | 12.5                        |
| SLUDGE TREATMENT                   | 0                          | 0.0                       | 1                       | 12.5                        |
| SOLVENTS RECOVERY                  | 8,918                      | 5.6                       | 3                       | 37.5                        |
|                                    | 160,003                    | 100.0                     | 8                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY                    | 121,427                    | 75.9                      | 3                       | 37.5                        |
| FUEL BLENDING                      | 28,028                     | 17.5                      | 1                       | 12.5                        |
| SOLVENTS RECOVERY                  | 8,918                      | 5.6                       | 3                       | 37.5                        |
| OTHER TREATMENT                    | 1,612                      | 1.0                       | 1                       | 12.5                        |
| INCINERATION                       | 18                         | 0.0                       | 1                       | 12.5                        |
| LAND TREATMENT/APPLICATION/FARMING | 0                          | 0.0                       | 1                       | 12.5                        |
| SLUDGE TREATMENT                   | 0                          | 0.0                       | 1                       | 12.5                        |
|                                    | 160,003                    | 100.0                     | 8                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY                  | 8,918                      | 5.6                       | 3                       | 37.5                        |
| ENERGY RECOVERY                    | 121,427                    | 75.9                      | 3                       | 37.5                        |
| FUEL BLENDING                      | 28,028                     | 17.5                      | 1                       | 12.5                        |
| LAND TREATMENT/APPLICATION/FARMING | 0                          | 0.0                       | 1                       | 12.5                        |
| SLUDGE TREATMENT                   | 0                          | 0.0                       | 1                       | 12.5                        |
| OTHER TREATMENT                    | 1,612                      | 1.0                       | 1                       | 12.5                        |
| INCINERATION                       | 18                         | 0.0                       | 1                       | 12.5                        |
|                                    | 160,003                    | 100.0                     | 8                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, F003, F005, D007, D008, F002, D035, F001, D039, D018

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## SOUTH CAROLINA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 283

16 Quantity of RCRA Hazardous Waste Shipped: 171,165

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                | City             | Quantity Shipped<br>(Tons) |
|-------|--------------|--|------------------|----------------------------|
| 1     | SCR000002006 | NUCOR STEEL BERKELEY COUNTY              | HUGER            | 42,927                     |
| 2     | SCD036275626 | GIANT RESOURCE RECOVERY SUMTER INC       | SUMTER           | 36,101                     |
| 3     | SCD003350675 | AGRIUM US INC                            | HARTSVILLE       | 20,425                     |
| 4     | SCD044940369 | NUCOR STEEL SC DARLINGTON                | DARLINGTON       | 13,155                     |
| 5     | SCD003353760 | CMC STEEL SOUTH CAROLINA PLANT 1500      | CAYCE            | 12,381                     |
| 6     | SCD991277716 | ARCELORMITTAL GEORGETOWN                 | GEORGETOWN       | 6,701                      |
| 7     | SCD987597820 | ROCHE CAROLINA INC                       | FLORENCE         | 6,141                      |
| 8     | SC1890008989 | DOE/WSRC SAVANNAH RIVER SITE             | JACKSON          | 5,305                      |
| 9     | SCD070375985 | PINEWOOD SITE CUSTODIAL TRUST (PSCT)     | PINEWOOD         | 3,799                      |
| 10    | SCD097366165 | ALUMAX OF SC                             | GOOSE CREEK      | 1,843                      |
| 11    | SCD042627448 | WEYLICHEM US INC                         | ELGIN            | 1,826                      |
| 12    | SCR000006155 | CONBRACO INDUSTRIES INC                  | PAGELAND         | 1,819                      |
| 13    | SCD086862950 | NATION FORD CHEMICAL CO                  | FORT MILL        | 1,417                      |
| 14    | SCR000763045 | TRINITY HIGHWAY PRODUCTS LLC             | ORANGEBURG       | 1,085                      |
| 15    | SCD980500052 | 3V INCORPORATED                          | GEORGETOWN       | 1,052                      |
| 16    | SCD077995488 | SAFETY KLEEN SYSTEMS INC LEXINGTON       | LEXINGTON        | 983                        |
| 17    | SCD003358389 | RHODIA INC                               | CHARLESTON       | 656                        |
| 18    | SCD043384072 | ALBEMARLE CORP ORANGEBURG PLT            | ORANGEBURG       | 576                        |
| 19    | SCR000004168 | IRIX MANUFACTURING INC                   | GREENVILLE       | 567                        |
| 20    | SCD982106932 | SOUTH ATLANTIC GALVANIZING               | TRAVELERS REST   | 499                        |
| 21    | SCD070365051 | SYMRISE INC BUSHY PARK PLT               | GOOSE CREEK      | 494                        |
| 22    | SCD981031040 | SAFETY KLEEN SYSTEMS INC GREER           | GREER            | 442                        |
| 23    | SCD047555453 | CONSOLIDATED METAL PRODUCTS              | COLUMBIA         | 436                        |
| 24    | SCD981479710 | ORTEC INCORPORATED                       | EASLEY           | 422                        |
| 25    | SCR000006114 | INDUSTRIAL GALVANIZERS COLUMBIA          | WEST COLUMBIA    | 403                        |
| 26    | SCR000006429 | IRIX PHARMACEUTICALS INC                 | FLORENCE         | 381                        |
| 27    | SCD981014780 | INCHEM CORPORATION                       | ROCK HILL        | 373                        |
| 28    | SCD987571551 | FUJIFILM MANUFACTURING USA INC           | GREENWOOD        | 362                        |
| 29    | SCD003361714 | CYTEC CARBON FIBERS LLC GREENVILLE SC    | PIEDMONT         | 255                        |
| 30    | SCD047554753 | CRYOVAC SIMPSONVILLE                     | SIMPSONVILLE     | 229                        |
| 31    | SCR000006270 | CATERPILLAR INC PRECISION PARTS PROD GR  | SUMTER           | 228                        |
| 32    | SCD041388554 | ENERSYS INC                              | SUMTER           | 216                        |
| 33    | SCR000000505 | PLASTIC OMNIUM AUTO EXTERIORS            | ANDERSON         | 209                        |
| 34    | SCD987595451 | CYTEC INDUSTRIES INC NORTH AUGUSTA PLANT | NORTH AUGUSTA    | 197                        |
| 35    | SCR000766857 | BOEING COMMERCIAL AIRPLANES CHARLESTON S | NORTH CHARLESTON | 196                        |
| 36    | SCR000003848 | SUMTER COATINGS INC                      | SUMTER           | 190                        |
| 37    | SCR000003806 | ATOTECH USA INC ROCK HILL                | ROCK HILL        | 189                        |
| 38    | SCD000003558 | KEMET ELECTRONICS CORP - BUILDING 1      | SIMPSONVILLE     | 184                        |
| 39    | SCD981920374 | GREENWOOD FABRICATING AND PLATING LLC    | GREENWOOD        | 177                        |
| 40    | SCD000608331 | AKZONOBEL                                | LANCASTER        | 166                        |
| 41    | SCD059918862 | CONBRACO INDUSTRIES                      | CONWAY           | 166                        |
| 42    | SCD003341849 | ROY METAL FINISHING CO INC               | CONESTEE         | 160                        |
| 43    | SCR000073833 | COATEX LLC                               | CHESTER          | 155                        |
| 44    | SCD051014637 | CYTEC INDUSTRIES INC LANGLEY PLANT       | LANGLEY          | 153                        |
| 45    | SCR000006692 | FINNCHEM USA INC                         | EASTOVER         | 149                        |
| 46    | SCR000770297 | WM LAMPTRACKER INC                       | WILLIAMSTON      | 146                        |
| 47    | SCD982159154 | EATON AEROSPACE CHARLESTON MACHINING CTI | NORTH CHARLESTON | 144                        |
| 48    | SCR000006189 | CONSTANTIA HUECK FOILS LLC               | BLYTHEWOOD       | 141                        |
| 49    | SCR000006452 | TE CONNECTIVITY                          | ROCK HILL        | 138                        |
| 50    | SCR000772616 | SCDOT BRIGADE ST                         | CHARLESTON       | 133                        |
| Total |              |  |                  | 166,492                    |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**SOUTH CAROLINA**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 6

**19** Quantity of RCRA Hazardous Waste Received: 154,608 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                          | City        | Quantity Received<br>(Tons) |
|--------------|--------------|------------------------------------|-------------|-----------------------------|
| 1            | SCD003351699 | GIANT CEMENT COMPANY               | HARLEYVILLE | 62,507                      |
| 2            | SCD003368891 | HOLCIM US INC GEOCYCLE LLC         | HOLLY HILL  | 51,823                      |
| 3            | SCD036275626 | GIANT RESOURCE RECOVERY SUMTER INC | SUMTER      | 32,671                      |
| 4            | SCD077995488 | SAFETY KLEEN SYSTEMS INC LEXINGTON | LEXINGTON   | 7,563                       |
| 5            | SCD981031040 | SAFETY KLEEN SYSTEMS INC GREER     | GREER       | 39                          |
| 6            | SCD069314045 | MILLIKEN CHEMICAL DEWEY PLANT      | INMAN       | 4                           |
| <b>Total</b> |              |                                    |             | <b>154,608</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## SOUTH CAROLINA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY         | 114,331                    | 73.9                      | 2                       | 33.3                        |
| FUEL BLENDING           | 26,915                     | 17.4                      | 1                       | 16.7                        |
| INCINERATION            | 18                         | 0.0                       | 1                       | 16.7                        |
| SOLVENTS RECOVERY       | 8,917                      | 5.8                       | 2                       | 33.3                        |
| STORAGE AND/OR TRANSFER | 4,428                      | 2.9                       | 4                       | 66.7                        |
|                         | 154,608                    | 100.0                     | 6                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY         | 114,331                    | 73.9                      | 2                       | 33.3                        |
| FUEL BLENDING           | 26,915                     | 17.4                      | 1                       | 16.7                        |
| SOLVENTS RECOVERY       | 8,917                      | 5.8                       | 2                       | 33.3                        |
| STORAGE AND/OR TRANSFER | 4,428                      | 2.9                       | 4                       | 66.7                        |
| INCINERATION            | 18                         | 0.0                       | 1                       | 16.7                        |
|                         | 154,608                    | 100.0                     | 6                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 4,428                      | 2.9                       | 4                       | 66.7                        |
| ENERGY RECOVERY         | 114,331                    | 73.9                      | 2                       | 33.3                        |
| SOLVENTS RECOVERY       | 8,917                      | 5.8                       | 2                       | 33.3                        |
| INCINERATION            | 18                         | 0.0                       | 1                       | 16.7                        |
| FUEL BLENDING           | 26,915                     | 17.4                      | 1                       | 16.7                        |
|                         | 154,608                    | 100.0                     | 6                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## SOUTH CAROLINA

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 59,632 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 108,779 Tons

**26 South Carolina Interstate Shipment / Receipts (As reported by South Carolina):**

The State to which South Carolina shipped the largest quantity of waste was Michigan (19,948 tons).

The State that shipped the largest quantity of waste to South Carolina was Alabama (19,443 tons).

## SOUTH DAKOTA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 42

2 Quantity of RCRA Hazardous Waste Generated: 1,347 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City          | Total Generated<br>(Tons) |
|--------------|--------------|--|---------------|---------------------------|
| 1            | SDD078668696 | 3M BROOKINGS HEALTH CARE                     | BROOKINGS     | 255                       |
| 2            | SDD096407838 | SAPA EXTRUSIONS INC.                         | YANKTON       | 245                       |
| 3            | SDR000213470 | STAR CIRCUITS INC.                           | BROOKINGS     | 110                       |
| 4            | SDR000207779 | MOLDED FIBER GLASS SOUTH DAKOTA              | ABERDEEN      | 89                        |
| 5            | SDR000203497 | WOODLAND CABINETRY                           | SISSETON      | 87                        |
| 6            | SDD000716696 | SAFETY-KLEEN SYSTEMS, INC.                   | SIOUX FALLS   | 56                        |
| 7            | SDR000004275 | SHOWPLACE WOOD PRODUCTS                      | HARRISBURG    | 54                        |
| 8            | SDD982596942 | ANGUS PALM INDUSTRIES INC.                   | WATERTOWN     | 48                        |
| 9            | SDD049521511 | DAKTRONICS INC.                              | BROOKINGS     | 47                        |
| 10           | SDD094698321 | STAR MARK CABINETRY                          | SIOUX FALLS   | 46                        |
| 11           | SDD982649766 | TRAIL KING INDUSTRIES                        | MITCHELL      | 45                        |
| 12           | SDD000003855 | CCL LABEL/SIOUX FALLS, INC.                  | SIOUX FALLS   | 44                        |
| 13           | SDR000206516 | THE BERGQUIST COMPANY                        | BRANDON       | 21                        |
| 14           | SDD065130957 | MANITOU AMERICAS INC.                        | MADISON       | 21                        |
| 15           | SDD020193561 | ADAMS THERMAL SYSTEMS INC.                   | CANTON        | 17                        |
| 16           | SDR000213058 | TEREX SOUTH DAKOTA                           | WATERTOWN     | 16                        |
| 17           | SDD981549983 | CHEMRING ENERGETIC DEVICES INC.              | CLEAR LAKE    | 15                        |
| 18           | SDD980635726 | TEREX SOUTH DAKOTA                           | WATERTOWN     | 14                        |
| 19           | SDR000004143 | MIDWEST RAILCAR REPAIR, INC.                 | BRANDON       | 14                        |
| 20           | SD2571924644 | ELLSWORTH AIR FORCE BASE                     | ELLSWORTH AFB | 12                        |
| 21           | SDR000205484 | SHERWIN-WILLIAMS #1423                       | SIOUX FALLS   | 11                        |
| 22           | SDD071508063 | TEREX SOUTH DAKOTA                           | HURON         | 10                        |
| 23           | SDR000205740 | L&M RADIATOR                                 | YANKTON       | 10                        |
| 24           | SDD980635783 | SMITH EQUIPMENT                              | WATERTOWN     | 9                         |
| 25           | SDD058825696 | MANITOU AMERICAS INC.                        | YANKTON       | 8                         |
| 26           | SDD987666815 | ROCKY MOUNTAIN PIPELINE SYSTEM RAPID CITY TE | RAPID CITY    | 8                         |
| 27           | SDD006250484 | TEREX SOUTH DAKOTA                           | WATERTOWN     | 7                         |
| 28           | SDR000202580 | GREAT PLAINS ETHANOL DBA POET BIOREFINING CI | CHANCELLOR    | 5                         |
| 29           | SD6211890060 | SOUTH DAKOTA AIR NATIONAL GUARD              | SIOUX FALLS   | 5                         |
| 30           | SDD000694620 | NUSTAR SIOUX FALLS TERMINAL                  | SIOUX FALLS   | 4                         |
| 31           | SDD030027841 | NUSTAR ABERDEEN TERMINAL                     | ABERDEEN      | 4                         |
| 32           | SDD000776344 | NUSTAR YANKTON TERMINAL                      | YANKTON       | 3                         |
| 33           | SDR000214882 | LOVE'S TRAVEL STOPS #445                     | SIOUX FALLS   | 3                         |
| 34           | SDR000209080 | TARGET STORE #T2457                          | RAPID CITY    | 3                         |
| 35           | SDT000622258 | NUSTAR MITCHELL TERMINAL                     | MITCHELL      | 2                         |
| 36           | SDR000210534 | KMART 7023                                   | ABERDEEN      | 1                         |
| 37           | SDR000215103 | KMART 4735                                   | MITCHELL      | 0                         |
| 38           | SDR000215079 | KMART 9273                                   | PIERRE        | 0                         |
| 39           | SDR000215095 | KMART 4170                                   | RAPID CITY    | 0                         |
| 40           | SDR000215046 | KMART 7306                                   | SIOUX FALLS   | 0                         |
| 41           | SDR000215053 | KMART 7318                                   | SIOUX FALLS   | 0                         |
| 42           | SDR000215061 | KMART 9184                                   | HURON         | 0                         |
| <b>Total</b> |              |  |               | <b>1,347</b>              |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## SOUTH DAKOTA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 142                     | ONLY AN F CODE                | 216                     |  |                         |
| ONLY CORROSIVE                        | 45                      | ONLY A K CODE                 | 0                       |  |                         |
| ONLY REACTIVE                         | 7                       | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 18                      | ONLY A U CODE                 | 3                       |  |                         |
| ONLY D018-43                          | 19                      |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 163                     | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>394</b>              | <b>TOTAL</b>                  | <b>219</b>              | <b>Both Characteristic and Listed</b>          | <b>734</b>              |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 151                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 723                     |
| HAS CORROSIVE CODE  | 70                      |   |                         | CORR. W/ AT LEAST 1 LSTD             | 1                       |
| HAS REACTIVE CODE   | 6                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 9                       |
| HAS D004-D017 CODE  | 69                      |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 95                      |
| HAS D018-D043 CODE  | 87                      |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 544                     |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 733                     |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 1                       |
| <b>TOTAL</b>  | <b>163</b>              | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>734</b>              |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D007, D002, D008, D035, F003, D006, D018, F005, D003

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3391  | MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING                         | 255            |
| 2            | 3313  | ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING                       | 245            |
| 3            | 3371  | HOUSEHOLD AND INSTITUTIONAL FURNITURE AND KITCHEN CABINET MANUFACTUI | 186            |
| 4            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING           | 131            |
| 5            | 3261  | PLASTICS PRODUCT MANUFACTURING                                       | 89             |
| 6            | 3331  | AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING        | 76             |
| 7            | 5621  | WASTE COLLECTION   | 56             |
| 8            | 3399  | OTHER MISCELLANEOUS MANUFACTURING                                    | 47             |
| 9            | 3362  | MOTOR VEHICLE BODY AND TRAILER MANUFACTURING                         | 45             |
| 10           | 3231  | PRINTING AND RELATED SUPPORT ACTIVITIES                              | 44             |
| <b>Total</b> |       |  | <b>1,175</b>   |

## SOUTH DAKOTA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 7

9 Quantity of RCRA Hazardous Waste Managed: 33 Tons

## 10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                       | City          | Tons of Waste Managed |
|-------|--------------|---------------------------------|---------------|-----------------------|
| 1     | SDD980635726 | TEREX SOUTH DAKOTA              | WATERTOWN     | 11                    |
| 2     | SDD020193561 | ADAMS THERMAL SYSTEMS INC.      | CANTON        | 9                     |
| 3     | SDR000213058 | TEREX SOUTH DAKOTA              | WATERTOWN     | 5                     |
| 4     | SDD071508063 | TEREX SOUTH DAKOTA              | HURON         | 4                     |
| 5     | SD2571924644 | ELLSWORTH AIR FORCE BASE        | ELLSWORTH AFB | 1                     |
| 6     | SDR000209080 | TARGET STORE #T2457             | RAPID CITY    | 1                     |
| 7     | SDD981549983 | CHEMRING ENERGETIC DEVICES INC. | CLEAR LAKE    | 0                     |
| Total |              |                                 |               | 33                    |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## SOUTH DAKOTA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION      | 0                          | 0.0                       | 1                       | 14.3                        |
| OTHER DISPOSAL    | 1                          | 4.0                       | 1                       | 14.3                        |
| OTHER RECOVERY    | 1                          | 4.2                       | 1                       | 14.3                        |
| OTHER TREATMENT   | 0                          | 0.2                       | 1                       | 14.3                        |
| SOLVENTS RECOVERY | 30                         | 91.7                      | 4                       | 57.1                        |
|                   | 33                         | 100.0                     | 7                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY | 30                         | 91.7                      | 4                       | 57.1                        |
| OTHER RECOVERY    | 1                          | 4.2                       | 1                       | 14.3                        |
| OTHER DISPOSAL    | 1                          | 4.0                       | 1                       | 14.3                        |
| OTHER TREATMENT   | 0                          | 0.2                       | 1                       | 14.3                        |
| INCINERATION      | 0                          | 0.0                       | 1                       | 14.3                        |
|                   | 33                         | 100.0                     | 7                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY | 30                         | 91.7                      | 4                       | 57.1                        |
| OTHER DISPOSAL    | 1                          | 4.0                       | 1                       | 14.3                        |
| OTHER RECOVERY    | 1                          | 4.2                       | 1                       | 14.3                        |
| OTHER TREATMENT   | 0                          | 0.2                       | 1                       | 14.3                        |
| INCINERATION      | 0                          | 0.0                       | 1                       | 14.3                        |
|                   | 33                         | 100.0                     | 7                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D003, D008, D001, D005, D007, F003, D006, D011, D035, F005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## SOUTH DAKOTA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 41

16 Quantity of RCRA Hazardous Waste Shipped: 1,394

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                   | City          | Quantity Shipped<br>(Tons) |
|-------|--------------|---|---------------|----------------------------|
| 1     | SDD078668696 | 3M BROOKINGS HEALTH CARE                    | BROOKINGS     | 255                        |
| 2     | SDD096407838 | SAPA EXTRUSIONS INC.                        | YANKTON       | 244                        |
| 3     | SDD000716696 | SAFETY-KLEEN SYSTEMS, INC.                  | SIOUX FALLS   | 153                        |
| 4     | SDR000213470 | STAR CIRCUITS INC.                          | BROOKINGS     | 110                        |
| 5     | SDR000207779 | MOLDED FIBER GLASS SOUTH DAKOTA             | ABERDEEN      | 87                         |
| 6     | SDR000203497 | WOODLAND CABINETRY                          | SISSETON      | 87                         |
| 7     | SDR000004275 | SHOWPLACE WOOD PRODUCTS                     | HARRISBURG    | 54                         |
| 8     | SDD982596942 | ANGUS PALM INDUSTRIES INC.                  | WATERTOWN     | 48                         |
| 9     | SDD049521511 | DAKTRONICS INC.                             | BROOKINGS     | 47                         |
| 10    | SDD094698321 | STAR MARK CABINETRY                         | SIOUX FALLS   | 46                         |
| 11    | SDD982649766 | TRAIL KING INDUSTRIES                       | MITCHELL      | 45                         |
| 12    | SDD000003855 | CCL LABEL/SIOUX FALLS, INC.                 | SIOUX FALLS   | 44                         |
| 13    | SDR000206516 | THE BERGQUIST COMPANY                       | BRANDON       | 21                         |
| 14    | SDD981549983 | CHEMRING ENERGETIC DEVICES INC.             | CLEAR LAKE    | 14                         |
| 15    | SDR000004143 | MIDWEST RAILCAR REPAIR, INC.                | BRANDON       | 14                         |
| 16    | SDD065130957 | MANITOU AMERICAS INC.                       | MADISON       | 12                         |
| 17    | SDR000213058 | TEREX SOUTH DAKOTA                          | WATERTOWN     | 11                         |
| 18    | SDR000205484 | SHERWIN-WILLIAMS #1423                      | SIOUX FALLS   | 11                         |
| 19    | SD2571924644 | ELLSWORTH AIR FORCE BASE                    | ELLSWORTH AFB | 10                         |
| 20    | SDR000205740 | L&M RADIATOR                                | YANKTON       | 10                         |
| 21    | SDD980635783 | SMITH EQUIPMENT                             | WATERTOWN     | 9                          |
| 22    | SDD058825696 | MANITOU AMERICAS INC.                       | YANKTON       | 8                          |
| 23    | SDD987666815 | ROCKY MOUNTAIN PIPELINE SYSTEM RAPID CITY T | RAPID CITY    | 8                          |
| 24    | SDD071508063 | TEREX SOUTH DAKOTA                          | HURON         | 8                          |
| 25    | SDD006250484 | TEREX SOUTH DAKOTA                          | WATERTOWN     | 7                          |
| 26    | SDR000202580 | GREAT PLAINS ETHANOL DBA POET BIOREFINING ( | CHANCELLOR    | 5                          |
| 27    | SD6211890060 | SOUTH DAKOTA AIR NATIONAL GUARD             | SIOUX FALLS   | 5                          |
| 28    | SDD000694620 | NUSTAR SIOUX FALLS TERMINAL                 | SIOUX FALLS   | 4                          |
| 29    | SDD030027841 | NUSTAR ABERDEEN TERMINAL                    | ABERDEEN      | 4                          |
| 30    | SDD000776344 | NUSTAR YANKTON TERMINAL                     | YANKTON       | 3                          |
| 31    | SDR000214882 | LOVE'S TRAVEL STOPS #445                    | SIOUX FALLS   | 3                          |
| 32    | SDD980635726 | TEREX SOUTH DAKOTA                          | WATERTOWN     | 3                          |
| 33    | SDT000622258 | NUSTAR MITCHELL TERMINAL                    | MITCHELL      | 2                          |
| 34    | SDR000209080 | TARGET STORE #T2457                         | RAPID CITY    | 1                          |
| 35    | SDR000210534 | KMART 7023                                  | ABERDEEN      | 1                          |
| 36    | SDR000215103 | KMART 4735                                  | MITCHELL      | 0                          |
| 37    | SDR000215079 | KMART 9273                                  | PIERRE        | 0                          |
| 38    | SDR000215095 | KMART 4170                                  | RAPID CITY    | 0                          |
| 39    | SDR000215046 | KMART 7306                                  | SIOUX FALLS   | 0                          |
| 40    | SDR000215053 | KMART 7318                                  | SIOUX FALLS   | 0                          |
| 41    | SDR000215061 | KMART 9184                                  | HURON         | 0                          |
| Total |              |   |               | 1,394                      |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**SOUTH DAKOTA**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 1

**19** Quantity of RCRA Hazardous Waste Received: 102 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                  | City        | Quantity Received<br>(Tons) |
|--------------|--------------|----------------------------|-------------|-----------------------------|
| 1            | SDD000716696 | SAFETY-KLEEN SYSTEMS, INC. | SIOUX FALLS | 102                         |
| <b>Total</b> |              |                            |             | <b>102</b>                  |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## SOUTH DAKOTA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 102                        | 100.0                     | 1                       | 100.0                       |
|                         | 102                        | 100.0                     | 1                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 102                        | 100.0                     | 1                       | 100.0                       |
|                         | 102                        | 100.0                     | 1                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 102                        | 100.0                     | 1                       | 100.0                       |
|                         | 102                        | 100.0                     | 1                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## **SOUTH DAKOTA**

### **2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 1,393 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 35 Tons

**26 South Dakota Interstate Shipment / Reciepts (As reported by South Dakota):**

The State to which South Dakota shipped the largest quantity of waste was Illinois (462 tons).

The State that shipped the largest quantity of waste to South Dakota was Minnesota (18 tons).

## TENNESSEE

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 334

2 Quantity of RCRA Hazardous Waste Generated: 89,352 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City           | Total Generated<br>(Tons) |
|--------------|--------------|--|----------------|---------------------------|
| 1            | TND003376928 | EASTMAN CHEMICAL COMPANY, TENNESSEE OPER     | KINGSPORT      | 21,697                    |
| 2            | TNR000005793 | NUCOR STEEL MEMPHIS INC                      | MEMPHIS        | 10,284                    |
| 3            | TND002992287 | GERDAU AMERISTEEL                            | JACKSON        | 8,775                     |
| 4            | TND041150533 | GERDAU AMERISTEEL U.S. INC.                  | KNOXVILLE      | 7,526                     |
| 5            | TND980837892 | EASTERN PLATING INC.                         | NEWPORT        | 6,387                     |
| 6            | TND981023674 | FUJIFILM HUNT CHEMICALS USA, INC.            | DAYTON         | 4,774                     |
| 7            | TND095686473 | HOEGANAES CORPORATION, GALLATIN PLANT        | GALLATIN       | 3,983                     |
| 8            | TND991279472 | ADVANCED TECHNICAL CERAMICS COMPANY          | CHATTANOOGA    | 3,505                     |
| 9            | TND980847024 | EXCEL TSD INC                                | MEMPHIS        | 1,632                     |
| 10           | TND054481205 | NISSAN NORTH AMERICA INC                     | SMYRNA         | 1,329                     |
| 11           | TND003337292 | OLIN CHLOR ALKALI PRODUCTS                   | CHARLESTON     | 1,266                     |
| 12           | TND003329083 | SOUTH ATLANTIC GALVANIZING                   | CHATTANOOGA    | 1,090                     |
| 13           | TND007024664 | VELSICOL CHEMICAL                            | MEMPHIS        | 1,071                     |
| 14           | TN5210020421 | HOLSTON ARMY AMMUNITION PLANT                | KINGSPORT      | 938                       |
| 15           | TND004042057 | TRIUMPH AEROSTRUCTURES, LLC                  | NASHVILLE      | 684                       |
| 16           | TND004038550 | CYTEC INDUSTRIES (EAST PLANT)                | MT PLEASANT    | 606                       |
| 17           | TNR000025262 | SMELTER SERVICE CORPORATION                  | MOUNT PLEASANT | 523                       |
| 18           | TND987784717 | MILPRINT, INC.                               | SHELBYVILLE    | 408                       |
| 19           | TND058660390 | ROHM & HAAS CHEMICALS LLC                    | KNOXVILLE      | 406                       |
| 20           | TNR000017426 | CLOPAY PLASTIC PRODUCTS                      | NASHVILLE      | 382                       |
| 21           | TND982109142 | DIVERSIFIED SCIENTIFIC SERVICES INC. (DSSI)  | KINGSTON       | 374                       |
| 22           | TND071524235 | WELLMONT HEALTH SYSTEMS MEDICAL CENTER (W    | KINGSPORT      | 297                       |
| 23           | TND083275198 | SIEGEL-ROBERT AUTOMOTIVE RIPLEY NORTH        | RIPLEY         | 285                       |
| 24           | TND007026958 | VALERO REFINING COMPANY-TENNESSEE LLC        | MEMPHIS        | 280                       |
| 25           | TNR000012302 | GLASTEEL - DIV OF STABILIT AMERICA INC       | MOSCOW         | 275                       |
| 26           | TN8570024044 | ARNOLD ENGINEERING DEVELOPMENT CENTER / TS   | ARNOLD AFB     | 253                       |
| 27           | TNR000012617 | FICOSA NORTH AMERICA                         | CROSSVILLE     | 249                       |
| 28           | TND980840524 | SI GROUP, INC.                               | NEWPORT        | 224                       |
| 29           | TND007024672 | E I DUPONT DE NEMOURS & CO INC               | MEMPHIS        | 222                       |
| 30           | TND987778602 | SOFIX CORPORATION                            | CHATTANOOGA    | 215                       |
| 31           | TNR000003749 | JDC COATINGS, INC                            | MOUNT JULIET   | 207                       |
| 32           | TN0000317289 | SAFETY-KLEEN SYSTEMS, INC.                   | PINEY FLATS    | 204                       |
| 33           | TND982157570 | DURATEK SERVICES, INC., AN ENERGYSOLUTIONS ( | OAK RIDGE      | 198                       |
| 34           | TND075376202 | BATESVILLE MANUFACTURING INC                 | MANCHESTER     | 187                       |
| 35           | TND987769486 | Q.E.P. CO. (DELAWARE), INC.                  | JOHNSON CITY   | 187                       |
| 36           | TND987790011 | SONOCO FLEXIBLE PACKAGING                    | MORRISTOWN     | 186                       |
| 37           | TN0000590612 | EXIDE TECHNOLOGIES                           | BRISTOL        | 176                       |
| 38           | TND007017288 | W M BARR & COMPANY, INC                      | MEMPHIS        | 170                       |
| 39           | TNR000026120 | TRELLEBORG COATED SYSTEMS U.S., INC.         | MORRISTOWN     | 164                       |
| 40           | TNR000011023 | VISTAWALL                                    | MIDWAY         | 163                       |
| 41           | TND007037765 | AOC - TENNESSEE PLANT                        | PIPERTON       | 160                       |
| 42           | TND981468333 | CLARK CONTAINER INC                          | LYLES          | 148                       |
| 43           | TN0210020582 | MILAN ARMY AMMUNITION PLANT                  | MILAN          | 147                       |
| 44           | TND980600514 | W M BARR & COMPANY, INC.                     | MEMPHIS        | 137                       |
| 45           | TND000640656 | VANDERBILT UNIVERSITY                        | NASHVILLE      | 132                       |
| 46           | TND982118093 | BASF CORPORATION, CONSUMER PRODUCTS & LIFE   | CHATTANOOGA    | 122                       |
| 47           | TND071530125 | SNAP-ON TOOLS ELIZABETHTON MANUFACTURING     | ELIZABETHTON   | 122                       |
| 48           | TND987766136 | ALCOA INC., NORTH PLANT                      | ALCOA          | 113                       |
| 49           | TND982079212 | INOAC EXTERIOR PRODUCTS LLC                  | LIVINGSTON     | 112                       |
| 50           | TND007020159 | KILGORE FLARES COMPANY LLC                   | TOONE          | 112                       |
| <b>Total</b> |              |  |                | <b>83,089</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## TENNESSEE

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 32,531                  | ONLY AN F CODE                | 2,417                   |  |                         |
| ONLY CORROSIVE                        | 6,540                   | ONLY A K CODE                 | 14,517                  |  |                         |
| ONLY REACTIVE                         | 5,529                   | ONLY A P CODE                 | 61                      |  |                         |
| ONLY D004-17                          | 27,147                  | ONLY A U CODE                 | 51                      |  |                         |
| ONLY D018-43                          | 558                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 0                       | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>72,305</b>           | <b>TOTAL</b>                  | <b>17,047</b>           | <b>Both Characteristic and Listed</b>          | <b>0</b>                |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 0                       |   |                         | IGN. W/ AT LEAST 1 LSTD              | 0                       |
| HAS CORROSIVE CODE  | 0                       |   |                         | CORR. W/ AT LEAST 1 LSTD             | 0                       |
| HAS REACTIVE CODE   | 0                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 0                       |
| HAS D004-D017 CODE  | 0                       |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 0                       |
| HAS D018-D043 CODE  | 0                       |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 0                       |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 0                       |
| <b>TOTAL</b>  | <b>0</b>                | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>0</b>                |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, D006, D008, D009, D003, F003, D004, P001

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING          | 30,568         |
| 2            | 3251  | BASIC CHEMICAL MANUFACTURING                               | 30,460         |
| 3            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES   | 8,283          |
| 4            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING | 3,505          |
| 5            | 5622  | WASTE TREATMENT AND DISPOSAL                               | 2,312          |
| 6            | 3362  | MOTOR VEHICLE BODY AND TRAILER MANUFACTURING               | 1,462          |
| 7            | 3231  | PRINTING AND RELATED SUPPORT ACTIVITIES                    | 1,169          |
| 8            | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING       | 1,089          |
| 9            | 3313  | ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING             | 818            |
| 10           | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                  | 743            |
| <b>Total</b> |       |  | <b>80,410</b>  |

## TENNESSEE

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 37

9 Quantity of RCRA Hazardous Waste Managed: 49,091 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City           | Tons of Waste Managed |
|--------------|--------------|---|----------------|-----------------------|
| 1            | TND000772186 | TRADEBE TREATMENT & RECYCLING OF TENNESS    | MILLINGTON     | 20,228                |
| 2            | TND003376928 | EASTMAN CHEMICAL COMPANY, TENNESSEE OPE     | KINGSPORT      | 11,027                |
| 3            | TND980837892 | EASTERN PLATING INC.                        | NEWPORT        | 6,006                 |
| 4            | TND980847024 | EXCEL TSD INC                               | MEMPHIS        | 3,493                 |
| 5            | TND991279472 | ADVANCED TECHNICAL CERAMICS COMPANY         | CHATTANOOGA    | 3,487                 |
| 6            | TND003337292 | OLIN CHLOR ALKALI PRODUCTS                  | CHARLESTON     | 1,089                 |
| 7            | TND007024664 | VELSICOL CHEMICAL                           | MEMPHIS        | 1,049                 |
| 8            | TND982109142 | DIVERSIFIED SCIENTIFIC SERVICES INC. (DSSI) | KINGSTON       | 724                   |
| 9            | TND058660390 | ROHM & HAAS CHEMICALS LLC                   | KNOXVILLE      | 406                   |
| 10           | TND071524235 | WELLMONT HEALTH SYSTEMS MEDICAL CENTER (    | KINGSPORT      | 295                   |
| 11           | TNR000017426 | CLOPAY PLASTIC PRODUCTS                     | NASHVILLE      | 288                   |
| 12           | TNR000012302 | GLASTEEL - DIV OF STABILIT AMERICA INC      | MOSCOW         | 258                   |
| 13           | TNR000005793 | NUCOR STEEL MEMPHIS INC                     | MEMPHIS        | 142                   |
| 14           | TND982157570 | DURATEK SERVICES, INC., AN ENERGYSOLUTIONS  | OAK RIDGE      | 136                   |
| 15           | TN5210020421 | HOLSTON ARMY AMMUNITION PLANT               | KINGSPORT      | 124                   |
| 16           | TN0210020582 | MILAN ARMY AMMUNITION PLANT                 | MILAN          | 74                    |
| 17           | TND982142275 | DENSO MANUFACTURING TENNESSEE INC.          | MARYVILLE      | 45                    |
| 18           | TNR000006221 | BETTY MACHINE COMPANY INC                   | HENDERSONVILLE | 41                    |
| 19           | TND147605646 | CHATTANOOGA PLATING & MACHINE               | CHATTANOOGA    | 37                    |
| 20           | TND987769486 | Q.E.P. CO. (DELAWARE), INC.                 | JOHNSON CITY   | 27                    |
| 21           | TND101762169 | NIELSEN BAINBRIDGE, LLC                     | GAINESBORO     | 20                    |
| 22           | TND980848485 | GRAPHIC PACKAGING INTERNATIONAL INC         | LAWRENCEBURG   | 20                    |
| 23           | TND987776010 | THE ROBINETTE COMPANY                       | BRISTOL        | 17                    |
| 24           | TND991279233 | SPEAR USA, LLC.                             | CLARKSVILLE    | 16                    |
| 25           | TN8570024044 | ARNOLD ENGINEERING DEVELOPMENT CENTER /     | ARNOLD AFB     | 13                    |
| 26           | TND075382168 | GIBSON GUITAR CO                            | NASHVILLE      | 9                     |
| 27           | TNR000016790 | ARMTEC COUNTERMEASURES, TNO CO              | MILAN          | 9                     |
| 28           | TND089558092 | TENNESSEE TECHNICAL COATINGS CORP           | LEWISBURG      | 4                     |
| 29           | TN0000266031 | SERVITECH INDUSTRIES INC                    | NASHVILLE      | 3                     |
| 30           | TNR000016774 | SKIER'S CHOICE INC.                         | MARYVILLE      | 2                     |
| 31           | TND980845838 | VOLVO PENTA MARINE PRODUCTS, LLC            | LEXINGTON      | 2                     |
| 32           | TND006387880 | WAYMATIC INC                                | SOUTH FULTON   | 1                     |
| 33           | TNR000023200 | NICKEY WAREHOUSES INC                       | MEMPHIS        | 1                     |
| 34           | TN0360016166 | VA MEDICAL CENTER                           | MEMPHIS        | 0                     |
| 35           | TND981474125 | SAFETY-KLEEN SYSTEMS INC. (3-109-01)        | NASHVILLE      | 0                     |
| 36           | TND981468333 | CLARK CONTAINER INC                         | LYLES          | 0                     |
| 37           | TND053438404 | ESSEX GROUP, INC MWI DIVISION               | FRANKLIN       | 0                     |
| <b>Total</b> |              |   |                | <b>49,091</b>         |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## TENNESSEE

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY                    | 561                        | 1.1                       | 2                       | 5.4                         |
| FUEL BLENDING                      | 18,501                     | 37.7                      | 6                       | 16.2                        |
| INCINERATION                       | 11,637                     | 23.7                      | 8                       | 21.6                        |
| LAND TREATMENT/APPLICATION/FARMING | 8                          | 0.0                       | 1                       | 2.7                         |
| LANDFILL/SURFACE IMPOUNDMENT       | 1,881                      | 3.8                       | 7                       | 18.9                        |
| METALS RECOVERY                    | 9,925                      | 20.2                      | 8                       | 21.6                        |
| OTHER RECOVERY                     | 1                          | 0.0                       | 1                       | 2.7                         |
| OTHER TREATMENT                    | 347                        | 0.7                       | 7                       | 18.9                        |
| SOLVENTS RECOVERY                  | 492                        | 1.0                       | 15                      | 40.5                        |
| STABILIZATION                      | 5,738                      | 11.7                      | 5                       | 13.5                        |
|                                    | 49,091                     | 100.0                     | 37                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING                      | 18,501                     | 37.7                      | 6                       | 16.2                        |
| INCINERATION                       | 11,637                     | 23.7                      | 8                       | 21.6                        |
| METALS RECOVERY                    | 9,925                      | 20.2                      | 8                       | 21.6                        |
| STABILIZATION                      | 5,738                      | 11.7                      | 5                       | 13.5                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 1,881                      | 3.8                       | 7                       | 18.9                        |
| ENERGY RECOVERY                    | 561                        | 1.1                       | 2                       | 5.4                         |
| SOLVENTS RECOVERY                  | 492                        | 1.0                       | 15                      | 40.5                        |
| OTHER TREATMENT                    | 347                        | 0.7                       | 7                       | 18.9                        |
| LAND TREATMENT/APPLICATION/FARMING | 8                          | 0.0                       | 1                       | 2.7                         |
| OTHER RECOVERY                     | 1                          | 0.0                       | 1                       | 2.7                         |
|                                    | 49,091                     | 100.0                     | 37                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY                  | 492                        | 1.0                       | 15                      | 40.5                        |
| INCINERATION                       | 11,637                     | 23.7                      | 8                       | 21.6                        |
| METALS RECOVERY                    | 9,925                      | 20.2                      | 8                       | 21.6                        |
| OTHER TREATMENT                    | 347                        | 0.7                       | 7                       | 18.9                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 1,881                      | 3.8                       | 7                       | 18.9                        |
| FUEL BLENDING                      | 18,501                     | 37.7                      | 6                       | 16.2                        |
| STABILIZATION                      | 5,738                      | 11.7                      | 5                       | 13.5                        |
| ENERGY RECOVERY                    | 561                        | 1.1                       | 2                       | 5.4                         |
| LAND TREATMENT/APPLICATION/FARMING | 8                          | 0.0                       | 1                       | 2.7                         |
| OTHER RECOVERY                     | 1                          | 0.0                       | 1                       | 2.7                         |
|                                    | 49,091                     | 100.0                     | 37                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D002, D006, D008, D007, D011, D005, D004, D039, F002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## TENNESSEE

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 321

16 Quantity of RCRA Hazardous Waste Shipped: 52,837

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                  | City         | Quantity Shipped<br>(Tons) |
|-------|--------------|--|--------------|----------------------------|
| 1     | TNR000005793 | NUCOR STEEL MEMPHIS INC                    | MEMPHIS      | 10,283                     |
| 2     | TND002992287 | GERDAU AMERISTEEL                          | JACKSON      | 8,775                      |
| 3     | TND041150533 | GERDAU AMERISTEEL U.S. INC.                | KNOXVILLE    | 7,526                      |
| 4     | TND981023674 | FUJIFILM HUNT CHEMICALS USA, INC.          | DAYTON       | 4,781                      |
| 5     | TND095686473 | HOEGANAES CORPORATION, GALLATIN PLANT      | GALLATIN     | 3,983                      |
| 6     | TND980847024 | EXCEL TSD INC                              | MEMPHIS      | 1,595                      |
| 7     | TND054481205 | NISSAN NORTH AMERICA INC                   | SMYRNA       | 1,314                      |
| 8     | TND003329083 | SOUTH ATLANTIC GALVANIZING                 | CHATTANOOGA  | 1,090                      |
| 9     | TND004042057 | TRIUMPH AEROSTRUCTURES, LLC                | NASHVILLE    | 678                        |
| 10    | TN5210020421 | HOLSTON ARMY AMMUNITION PLANT              | KINGSPORT    | 622                        |
| 11    | TND004038550 | CYTEC INDUSTRIES (EAST PLANT)              | MT PLEASANT  | 591                        |
| 12    | TND987784717 | MILPRINT, INC.                             | SHELBYVILLE  | 404                        |
| 13    | TND980837892 | EASTERN PLATING INC.                       | NEWPORT      | 382                        |
| 14    | TND083275198 | SIEGEL-ROBERT AUTOMOTIVE RIPLEY NORTH      | RIPLEY       | 284                        |
| 15    | TND007026958 | VALERO REFINING COMPANY-TENNESSEE LLC      | MEMPHIS      | 278                        |
| 16    | TND003337292 | OLIN CHLOR ALKALI PRODUCTS                 | CHARLESTON   | 259                        |
| 17    | TNR000012617 | FICOSA NORTH AMERICA                       | CROSSVILLE   | 253                        |
| 18    | TN8570024044 | ARNOLD ENGINEERING DEVELOPMENT CENTER / T  | ARNOLD AFB   | 240                        |
| 19    | TND980840524 | SI GROUP, INC.                             | NEWPORT      | 217                        |
| 20    | TNR000003749 | JDC COATINGS, INC                          | MOUNT JULIET | 209                        |
| 21    | TN0000317289 | SAFETY-KLEEN SYSTEMS, INC.                 | PINEY FLATS  | 204                        |
| 22    | TND987778602 | SOFIX CORPORATION                          | CHATTANOOGA  | 201                        |
| 23    | TND007024672 | E I DUPONT DE NEMOURS & CO INC             | MEMPHIS      | 192                        |
| 24    | TND075376202 | BATESVILLE MANUFACTURING INC               | MANCHESTER   | 189                        |
| 25    | TND987790011 | SONOCO FLEXIBLE PACKAGING                  | MORRISTOWN   | 186                        |
| 26    | TN0000590612 | EXIDE TECHNOLOGIES                         | BRISTOL      | 175                        |
| 27    | TND007024664 | VELSICOL CHEMICAL                          | MEMPHIS      | 168                        |
| 28    | TND007037765 | AOC - TENNESSEE PLANT                      | PIPERTON     | 165                        |
| 29    | TNR000026120 | TRELLEBORG COATED SYSTEMS U.S., INC.       | MORRISTOWN   | 165                        |
| 30    | TNR000011023 | VISTAWALL                                  | MIDWAY       | 163                        |
| 31    | TND007017288 | W M BARR & COMPANY, INC                    | MEMPHIS      | 161                        |
| 32    | TND003376928 | EASTMAN CHEMICAL COMPANY, TENNESSEE OPEF   | KINGSPORT    | 156                        |
| 33    | TND982157570 | DURATEK SERVICES, INC., AN ENERGYSOLUTIONS | OAK RIDGE    | 146                        |
| 34    | TND980600514 | W M BARR & COMPANY, INC.                   | MEMPHIS      | 132                        |
| 35    | TND000640656 | VANDERBILT UNIVERSITY                      | NASHVILLE    | 132                        |
| 36    | TND982118093 | BASF CORPORATION, CONSUMER PRODUCTS & LI   | CHATTANOOGA  | 122                        |
| 37    | TND071530125 | SNAP-ON TOOLS ELIZABETHTON MANUFACTURING   | ELIZABETHTON | 117                        |
| 38    | TND047000898 | BON L MFG COMPANY                          | CARTHAGE     | 114                        |
| 39    | TND987766136 | ALCOA INC., NORTH PLANT                    | ALCOA        | 113                        |
| 40    | TND007020159 | KILGORE FLARES COMPANY LLC                 | TOONE        | 112                        |
| 41    | TND004036208 | STATE INDUSTRIES INC                       | ASHLAND CITY | 111                        |
| 42    | TND000772186 | TRADEBE TREATMENT & RECYCLING OF TENNESS   | MILLINGTON   | 108                        |
| 43    | TND990655441 | BASF CORPORATION, CONSUMER PRODUCTS & LI   | CHATTANOOGA  | 108                        |
| 44    | TNR000031294 | MLB-UPTOWN LLC > FORMER RAMIEH IBRAHIM SIT | MEMPHIS      | 105                        |
| 45    | TND982079212 | INOAC EXTERIOR PRODUCTS LLC                | LIVINGSTON   | 101                        |
| 46    | TNR000011718 | SIMS RECYCLING SOLUTIONS INC.              | LAVERGNE     | 96                         |
| 47    | TNR000005892 | CYMER LLC                                  | DECATUR      | 95                         |
| 48    | TND055253637 | IMPERIAL GROUP, PLANT #2                   | PORTLAND     | 94                         |
| 49    | TNR000017426 | CLOPAY PLASTIC PRODUCTS                    | NASHVILLE    | 93                         |
| 50    | TNR000001842 | DELTA FAUCET COMPANY OF TENNESSEE INC      | JACKSON      | 90                         |
| Total |              |  |              | 47,879                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**TENNESSEE****2011 WASTE RECEIPTS****18 Number of RCRA Hazardous Waste Receivers: 8****19 Quantity of RCRA Hazardous Waste Received: 28,854 Tons****20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011**

| Rank         | EPA ID       | Site Name                                     | City       | Quantity Received<br>(Tons) |
|--------------|--------------|---|------------|-----------------------------|
| 1            | TND000772186 | TRADEBE TREATMENT & RECYCLING OF TENNESSEE    | MILLINGTON | 26,109                      |
| 2            | TND980847024 | EXCEL TSD INC                                 | MEMPHIS    | 1,902                       |
| 3            | TND982109142 | DIVERSIFIED SCIENTIFIC SERVICES INC. (DSSI)   | KINGSTON   | 386                         |
| 4            | TND981474125 | SAFETY-KLEEN SYSTEMS INC. (3-109-01)          | NASHVILLE  | 128                         |
| 5            | TND987777695 | SAFETY-KLEEN SYSTEMS INC.                     | KNOXVILLE  | 108                         |
| 6            | TND000614321 | SAFETY-KLEEN (GS) INC.                        | MILLINGTON | 93                          |
| 7            | TND982157570 | DURATEK SERVICES, INC., AN ENERGYSOLUTIONS CO | OAK RIDGE  | 83                          |
| 8            | TND003337292 | OLIN CHLOR ALKALI PRODUCTS                    | CHARLESTON | 44                          |
| <b>Total</b> |              |   |            | <b>28,854</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## TENNESSEE

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY              | 18                         | 0.1                       | 1                       | 12.5                        |
| FUEL BLENDING                | 16,445                     | 57.0                      | 2                       | 25.0                        |
| INCINERATION                 | 371                        | 1.3                       | 2                       | 25.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 16                         | 0.1                       | 1                       | 12.5                        |
| METALS RECOVERY              | 44                         | 0.2                       | 2                       | 25.0                        |
| OTHER TREATMENT              | 24                         | 0.1                       | 2                       | 25.0                        |
| STABILIZATION                | 5,611                      | 19.4                      | 5                       | 62.5                        |
| STORAGE AND/OR TRANSFER      | 6,324                      | 21.9                      | 7                       | 87.5                        |
|                              | 28,854                     | 100.0                     | 8                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| FUEL BLENDING                | 16,445                     | 57.0                      | 2                       | 25.0                        |
| STORAGE AND/OR TRANSFER      | 6,324                      | 21.9                      | 7                       | 87.5                        |
| STABILIZATION                | 5,611                      | 19.4                      | 5                       | 62.5                        |
| INCINERATION                 | 371                        | 1.3                       | 2                       | 25.0                        |
| METALS RECOVERY              | 44                         | 0.2                       | 2                       | 25.0                        |
| OTHER TREATMENT              | 24                         | 0.1                       | 2                       | 25.0                        |
| ENERGY RECOVERY              | 18                         | 0.1                       | 1                       | 12.5                        |
| LANDFILL/SURFACE IMPOUNDMENT | 16                         | 0.1                       | 1                       | 12.5                        |
|                              | 28,854                     | 100.0                     | 8                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 6,324                      | 21.9                      | 7                       | 87.5                        |
| STABILIZATION                | 5,611                      | 19.4                      | 5                       | 62.5                        |
| INCINERATION                 | 371                        | 1.3                       | 2                       | 25.0                        |
| FUEL BLENDING                | 16,445                     | 57.0                      | 2                       | 25.0                        |
| METALS RECOVERY              | 44                         | 0.2                       | 2                       | 25.0                        |
| OTHER TREATMENT              | 24                         | 0.1                       | 2                       | 25.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 16                         | 0.1                       | 1                       | 12.5                        |
| ENERGY RECOVERY              | 18                         | 0.1                       | 1                       | 12.5                        |
|                              | 28,854                     | 100.0                     | 8                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## TENNESSEE

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 51,670 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 25,666 Tons

**26 Tennessee Interstate Shipment / Receipts (As reported by Tennessee):**

The State to which Tennessee shipped the largest quantity of waste was Alabama (14,228 tons).

The State that shipped the largest quantity of waste to Tennessee was Texas (5,653 tons).

## TEXAS

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 1,006

2 Quantity of RCRA Hazardous Waste Generated: 15,683,405 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City           | Total Generated<br>(Tons) |
|--------------|--------------|--|----------------|---------------------------|
| 1            | TXD001700806 | ASCEND CHOCOLATE BAYOU PLANT                 | ALVIN          | 4,348,018                 |
| 2            | TXD059685339 | DIAMOND SHAMROCK MCKEE PLANT                 | SUNRAY         | 1,870,924                 |
| 3            | TXD008080533 | BP PRODUCTS NORTH AMERICA                    | TEXAS CITY     | 1,866,800                 |
| 4            | TXR000076828 | PASADENA INJECTION WELL                      | PASADENA       | 1,342,780                 |
| 5            | TXR000057968 | INVISTA SARL VICTORIA SITE                   | VICTORIA       | 1,305,425                 |
| 6            | TXD000751172 | INEOS USA GREEN LAKE FACILITY                | PORT LAVACA    | 912,504                   |
| 7            | TXD083472266 | LYONDELL CHEMICAL CHANNELVIEW                | CHANNELVIEW    | 848,281                   |
| 8            | TXR000057752 | INVISTA SARL SABINE RIVER WORKS              | ORANGE         | 585,437                   |
| 9            | TXD008081697 | BASF FREEPORT SITE                           | FREEPORT       | 538,803                   |
| 10           | TXD000838896 | VEOLIA ES TECHNICAL SOLUTIONS                | PORT ARTHUR    | 310,406                   |
| 11           | TXD008081101 | E I DU PONT DE NEMOURS BEAUMONT WORKS        | NEDERLAND      | 287,165                   |
| 12           | TXD008106999 | MERISOL GREENS BAYOU PLANT                   | HOUSTON        | 268,690                   |
| 13           | TXD087491973 | ASARCO AMARILLO COPPER REFINERY              | AMARILLO       | 182,670                   |
| 14           | TXD008092793 | THE DOW CHEMICAL TEXAS OPERATIONS FREEPOR    | FREEPORT       | 80,528                    |
| 15           | TXD008076846 | HUNTSMAN PETROCHEMICAL PO MTBE PLANT         | PORT NECHES    | 77,920                    |
| 16           | TXD058275769 | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX       | CHANNELVIEW    | 70,369                    |
| 17           | TXD049213127 | PERGAN MARSHALL                              | MARSHALL       | 62,075                    |
| 18           | TXD055141378 | CLEAN HARBORS DEER PARK                      | LA PORTE       | 61,842                    |
| 19           | TXD069452340 | US ECOLOGY TEXAS                             | ROBSTOWN       | 43,004                    |
| 20           | TXD067285973 | SHELL OIL DEER PARK                          | DEER PARK      | 30,498                    |
| 21           | TXD046844700 | CHEMICAL RECLAMATION SERVICES AVALON FACIL   | AVALON         | 26,309                    |
| 22           | TXD981053770 | DURATHERM SAN LEON                           | SAN LEON       | 25,218                    |
| 23           | TXD058260977 | BAYER MATERIAL SCIENCE                       | BAYTOWN        | 21,520                    |
| 24           | TXD000836445 | EQUISTAR CHEMICALS CORPUS CHRISTI            | CORPUS CHRISTI | 20,190                    |
| 25           | TXD982286932 | OCCIDENTAL CHEMICAL OXYCHEM INGLESIDE PLAN   | GREGORY        | 19,304                    |
| 26           | TXD071378582 | NUCOR STEEL-TEXAS                            | JEWETT         | 17,227                    |
| 27           | TXD065096273 | ROHM AND HAAS DEER PARK PLANT                | DEER PARK      | 16,272                    |
| 28           | TXD066362559 | CHAPARRAL STEEL MIDLOTHIAN PLANT             | MIDLOTHIAN     | 15,684                    |
| 29           | TXD008119414 | STRUCTURAL METALS                            | SEGUIN         | 14,540                    |
| 30           | TXD008079642 | E I DU PONT DE NEMOURS SABINE RIVER WORKS    | ORANGE         | 13,817                    |
| 31           | TXD077603371 | SAFETY-KLEEN SYSTEMS DENTON RECYCLE CENTE    | DENTON         | 13,244                    |
| 32           | TXD000782698 | EXXON MOBIL REFINING & SUPPLY BAYTOWN REFIN  | BAYTOWN        | 10,882                    |
| 33           | TXD007330202 | EASTMAN CHEMICAL COMPANY                     | LONGVIEW       | 10,863                    |
| 34           | TXD981911209 | OXY VINYLs DEER PARK VCM PLANT               | DEER PARK      | 10,162                    |
| 35           | TXD490011293 | FORMOSA PLASTICS POINT COMFORT PLANT         | POINT COMFORT  | 10,114                    |
| 36           | TXD070133319 | OXY VINYLs LA PORTE PLANT                    | LA PORTE       | 9,796                     |
| 37           | TXD051161990 | CITGO CORPUS CHRISTI REFINERY E PLANT & TERM | CORPUS CHRISTI | 9,048                     |
| 38           | TXD008079212 | E I DUPONT DE NEMOURS LA PORTE PLANT         | LA PORTE       | 8,937                     |
| 39           | TXD000461533 | UNION CARBIDE TEXAS CITY                     | TEXAS CITY     | 8,836                     |
| 40           | TXD074195678 | GULF CHEMICAL & METALLURGICAL FREEPORT       | FREEPORT       | 8,167                     |
| 41           | TXD980748461 | STOLTHAVEN HOUSTON SUBSIDIARY OF STOLT NIEI  | HOUSTON        | 8,160                     |
| 42           | TXD058276130 | LYONDELLBASELL ACETYLs                       | LA PORTE       | 7,647                     |
| 43           | TXD000836486 | GB BIOSCIENCES CORPORATION GREENS BAYOU P    | HOUSTON        | 7,537                     |
| 44           | TXD026040709 | CELANESE BAY CITY PLANT                      | BAY CITY       | 6,755                     |
| 45           | TXR000057745 | INVISTA SARL LA PORTE PLANT                  | LA PORTE       | 6,586                     |
| 46           | TXD000356816 | CHAMPION TECHNOLOGIES FRESNO                 | FRESNO         | 6,547                     |
| 47           | TXR000057414 | ARKEMA CLEAR LAKE PLANT                      | PASADENA       | 6,197                     |
| 48           | TXD048210645 | PHILLIPS 66 SWEENEY REFINERY                 | OLD OCEAN      | 6,184                     |
| 49           | TXD041067638 | LUBRIZOL DEER PARK                           | DEER PARK      | 6,167                     |
| 50           | TXD043750512 | ARKEMA CROSBY PLANT                          | CROSBY         | 5,976                     |
| <b>Total</b> |              |  |                | <b>15,452,023</b>         |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## TEXAS

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 158,409                 | ONLY AN F CODE                | 64,956                  |  |                         |
| ONLY CORROSIVE                        | 103,882                 | ONLY A K CODE                 | 120,039                 |  |                         |
| ONLY REACTIVE                         | 877                     | ONLY A P CODE                 | 39                      |  |                         |
| ONLY D004-17                          | 48,257                  | ONLY A U CODE                 | 2,389                   |  |                         |
| ONLY D018-43                          | 2,979,791               |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 7,694,708               | HAS MORE THAN ONE LISTED CODE | 970,747                 |  |                         |
| <b>TOTAL</b>                          | <b>10,985,924</b>       | <b>TOTAL</b>                  | <b>1,158,171</b>        | <b>Both Characteristic and Listed</b>          | <b>3,539,311</b>        |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 2,019,610               |   |                         | IGN. W/ AT LEAST 1 LSTD              | 200,524                 |
| HAS CORROSIVE CODE  | 4,717,610               |   |                         | CORR. W/ AT LEAST 1 LSTD             | 19,153                  |
| HAS REACTIVE CODE   | 2,509,145               |   |                         | REACT. W/ AT LEAST 1 LSTD            | 17,486                  |
| HAS D004-D017 CODE  | 439,093                 |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 13,544                  |
| HAS D018-D043 CODE  | 7,001,775               |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 3,373,000               |
|   |                         | HAS AN F CODE                           | 959,733                 | F WASTE W/ AT LEAST 1 CHAR           | 3,157,424               |
|   |                         | HAS A K CODE                            | 970,127                 | K WASTE W/ AT LEAST 1 CHAR           | 3,185,880               |
|   |                         | HAS A P CODE                            | 572                     | P WASTE W/ AT LEAST 1 CHAR           | 3,529                   |
|   |                         | HAS A U CODE                            | 11,167                  | U WASTE W/ AT LEAST 1 CHAR           | 20,085                  |
| <b>TOTAL</b>  | <b>7,694,708</b>        | <b>TOTAL</b>                            | <b>970,747</b>          | <b>TOTAL</b>                         | <b>3,539,311</b>        |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, D018, D005, D009, F003, D008, D006, D004

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated    |
|--------------|-------|--|-------------------|
| 1            | 3251  | BASIC CHEMICAL MANUFACTURING   | 9,630,588         |
| 2            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                                | 3,820,847         |
| 3            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING     | 1,350,908         |
| 4            | 5622  | WASTE TREATMENT AND DISPOSAL   | 499,783           |
| 5            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING             | 195,063           |
| 6            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 52,127            |
| 7            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 36,612            |
| 8            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 18,731            |
| 9            | 4931  | WAREHOUSING AND STORAGE  | 14,672            |
| 10           | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING               | 9,242             |
| <b>Total</b> |       |  | <b>15,628,576</b> |

## TEXAS

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 99

9 Quantity of RCRA Hazardous Waste Managed: 15,788,751 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                 | City           | Tons of Waste Managed |
|--------------|--------------|---|----------------|-----------------------|
| 1            | TXD001700806 | ASCEND CHOCOLATE BAYOU PLANT              | ALVIN          | 4,346,505             |
| 2            | TXD059685339 | DIAMOND SHAMROCK MCKEE PLANT              | SUNRAY         | 1,868,728             |
| 3            | TXD008080533 | BP PRODUCTS NORTH AMERICA                 | TEXAS CITY     | 1,848,608             |
| 4            | TXR000076828 | PASADENA INJECTION WELL                   | PASADENA       | 1,341,784             |
| 5            | TXR000057968 | INVISTA SARL VICTORIA SITE                | VICTORIA       | 1,299,186             |
| 6            | TXD000751172 | INEOS USA GREEN LAKE FACILITY             | PORT LAVACA    | 911,861               |
| 7            | TXD083472266 | LYONDELL CHEMICAL CHANNELVIEW             | CHANNELVIEW    | 906,412               |
| 8            | TXR000057752 | INVISTA SARL SABINE RIVER WORKS           | ORANGE         | 576,572               |
| 9            | TXD008081697 | BASF FREEPORT SITE                        | FREEPORT       | 530,678               |
| 10           | TXD000838896 | VEOLIA ES TECHNICAL SOLUTIONS             | PORT ARTHUR    | 324,844               |
| 11           | TXD008081101 | E I DU PONT DE NEMOURS BEAUMONT WORKS     | NEDERLAND      | 283,950               |
| 12           | TXD008106999 | MERISOL GREENS BAYOU PLANT                | HOUSTON        | 269,334               |
| 13           | TXD069452340 | US ECOLOGY TEXAS                          | ROBSTOWN       | 222,497               |
| 14           | TXD055141378 | CLEAN HARBORS DEER PARK                   | LA PORTE       | 209,991               |
| 15           | TXD087491973 | ASARCO AMARILLO COPPER REFINERY           | AMARILLO       | 182,439               |
| 16           | TXD000719518 | TM DEER PARK SERVICES                     | DEER PARK      | 150,311               |
| 17           | TXD008092793 | THE DOW CHEMICAL TEXAS OPERATIONS FREEPC  | FREEPORT       | 84,930                |
| 18           | TXD008076846 | HUNTSMAN PETROCHEMICAL PO MTBE PLANT      | PORT NECHES    | 63,208                |
| 19           | TXD049213127 | PERGAN MARSHALL                           | MARSHALL       | 62,075                |
| 20           | TXD981053770 | DURATHERM SAN LEON                        | SAN LEON       | 34,088                |
| 21           | TXD077603371 | SAFETY-KLEEN SYSTEMS DENTON RECYCLE CEN   | DENTON         | 29,113                |
| 22           | TXD067285973 | SHELL OIL DEER PARK                       | DEER PARK      | 27,269                |
| 23           | TXD000836445 | EQUISTAR CHEMICALS CORPUS CHRISTI         | CORPUS CHRISTI | 20,426                |
| 24           | TXD008079642 | E I DU PONT DE NEMOURS SABINE RIVER WORKS | ORANGE         | 19,718                |
| 25           | TXD981911209 | OXY VINYL DEER PARK VCM PLANT             | DEER PARK      | 19,551                |
| 26           | TXD982286932 | OCCIDENTAL CHEMICAL OXYCHEM INGLESIDE PLA | GREGORY        | 19,265                |
| 27           | TXD074195678 | GULF CHEMICAL & METALLURGICAL FREEPORT    | FREEPORT       | 15,754                |
| 28           | TXR000001016 | TM CORPUS CHRISTI SERVICES                | CORPUS CHRISTI | 14,660                |
| 29           | TXD065096273 | ROHM AND HAAS DEER PARK PLANT             | DEER PARK      | 14,434                |
| 30           | TXD008099079 | RHODIA                                    | HOUSTON        | 13,289                |
| 31           | TXD007330202 | EASTMAN CHEMICAL COMPANY                  | LONGVIEW       | 10,263                |
| 32           | TXD490011293 | FORMOSA PLASTICS POINT COMFORT PLANT      | POINT COMFORT  | 9,578                 |
| 33           | TXD980748461 | STOLTHAVEN HOUSTON SUBSIDIARY OF STOLT NI | HOUSTON        | 7,985                 |
| 34           | TXR000057414 | ARKEMA CLEAR LAKE PLANT                   | PASADENA       | 7,948                 |
| 35           | TXD000461533 | UNION CARBIDE TEXAS CITY                  | TEXAS CITY     | 7,075                 |
| 36           | TXD106829963 | EURECAT US                                | PASADENA       | 4,432                 |
| 37           | TXD026040709 | CELANESE BAY CITY PLANT                   | BAY CITY       | 4,356                 |
| 38           | TXD008076853 | HUNTSMAN PETROCHEMICAL CONROE PLANT       | CONROE         | 3,335                 |
| 39           | TXR000000034 | CONESUS TEJAS FACILITY                    | TERRELL        | 2,812                 |
| 40           | TXD078432457 | CELANESE CLEAR LAKE PLANT                 | PASADENA       | 2,552                 |
| 41           | TXD001806868 | 3M COMPANY BROWNWOOD                      | BROWNWOOD      | 2,399                 |
| 42           | TXR000052175 | LINDE GAS CLEAR LAKE PLANT                | PASADENA       | 2,213                 |
| 43           | TXD981514383 | ALPHA OMEGA RECYCLING                     | WHITE OAK      | 1,928                 |
| 44           | TXD006451090 | EXIDE FRISCO BATTERY RECYCLING PLANT      | FRISCO         | 1,723                 |
| 45           | TXD980808778 | BASF PASADENA PLANT                       | PASADENA       | 1,088                 |
| 46           | TXD102599339 | PSC RECOVERY SYSTEMS                      | DALLAS         | 872                   |
| 47           | TXR000077966 | PETRO-TECH ENVIRONMENTAL                  | HOUSTON        | 760                   |
| 48           | TXD988088464 | WASTE CONTROL SPECIALISTS                 | ANDREWS        | 472                   |
| 49           | TXD064129422 | ALCOA FASTENING SYSTEMS                   | WACO           | 437                   |
| 50           | TXD073912974 | INTERCONTINENTAL TERMINALS DEER PARK TERM | LA PORTE       | 421                   |
| <b>Total</b> |              |   |                | <b>15,784,132</b>     |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## TEXAS

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT        | 120,895                    | 0.8                       | 6                       | 6.1                         |
| AQUEOUS ORGANIC TREATMENT          | 60,256                     | 0.4                       | 8                       | 8.1                         |
| DEEPWELL OR UNDERGROUND INJECTION  | 13,682,814                 | 86.7                      | 21                      | 21.2                        |
| ENERGY RECOVERY                    | 457,596                    | 2.9                       | 18                      | 18.2                        |
| FUEL BLENDING                      | 22,290                     | 0.1                       | 11                      | 11.1                        |
| INCINERATION                       | 317,782                    | 2.0                       | 24                      | 24.2                        |
| LAND TREATMENT/APPLICATION/FARMING | 15                         | 0.0                       | 4                       | 4.0                         |
| LANDFILL/SURFACE IMPOUNDMENT       | 123,665                    | 0.8                       | 9                       | 9.1                         |
| METALS RECOVERY                    | 22,218                     | 0.1                       | 7                       | 7.1                         |
| OTHER DISPOSAL                     | 796                        | 0.0                       | 4                       | 4.0                         |
| OTHER RECOVERY                     | 71,622                     | 0.5                       | 6                       | 6.1                         |
| OTHER TREATMENT                    | 895,541                    | 5.7                       | 29                      | 29.3                        |
| SOLVENTS RECOVERY                  | 12,658                     | 0.1                       | 15                      | 15.2                        |
| STABILIZATION                      | 602                        | 0.0                       | 7                       | 7.1                         |
|                                    | 15,788,751                 | 100.0                     | 99                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| DEEPWELL OR UNDERGROUND INJECTION  | 13,682,814                 | 86.7                      | 21                      | 21.2                        |
| OTHER TREATMENT                    | 895,541                    | 5.7                       | 29                      | 29.3                        |
| ENERGY RECOVERY                    | 457,596                    | 2.9                       | 18                      | 18.2                        |
| INCINERATION                       | 317,782                    | 2.0                       | 24                      | 24.2                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 123,665                    | 0.8                       | 9                       | 9.1                         |
| AQUEOUS INORGANIC TREATMENT        | 120,895                    | 0.8                       | 6                       | 6.1                         |
| OTHER RECOVERY                     | 71,622                     | 0.5                       | 6                       | 6.1                         |
| AQUEOUS ORGANIC TREATMENT          | 60,256                     | 0.4                       | 8                       | 8.1                         |
| FUEL BLENDING                      | 22,290                     | 0.1                       | 11                      | 11.1                        |
| METALS RECOVERY                    | 22,218                     | 0.1                       | 7                       | 7.1                         |
| SOLVENTS RECOVERY                  | 12,658                     | 0.1                       | 15                      | 15.2                        |
| OTHER DISPOSAL                     | 796                        | 0.0                       | 4                       | 4.0                         |
| STABILIZATION                      | 602                        | 0.0                       | 7                       | 7.1                         |
| LAND TREATMENT/APPLICATION/FARMING | 15                         | 0.0                       | 4                       | 4.0                         |
|                                    | 15,788,751                 | 100.0                     | 99                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT                    | 895,541                    | 5.7                       | 29                      | 29.3                        |
| INCINERATION                       | 317,782                    | 2.0                       | 24                      | 24.2                        |
| DEEPWELL OR UNDERGROUND INJECTION  | 13,682,814                 | 86.7                      | 21                      | 21.2                        |
| ENERGY RECOVERY                    | 457,596                    | 2.9                       | 18                      | 18.2                        |
| SOLVENTS RECOVERY                  | 12,658                     | 0.1                       | 15                      | 15.2                        |
| FUEL BLENDING                      | 22,290                     | 0.1                       | 11                      | 11.1                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 123,665                    | 0.8                       | 9                       | 9.1                         |
| AQUEOUS ORGANIC TREATMENT          | 60,256                     | 0.4                       | 8                       | 8.1                         |
| STABILIZATION                      | 602                        | 0.0                       | 7                       | 7.1                         |
| METALS RECOVERY                    | 22,218                     | 0.1                       | 7                       | 7.1                         |
| OTHER RECOVERY                     | 71,622                     | 0.5                       | 6                       | 6.1                         |
| AQUEOUS INORGANIC TREATMENT        | 120,895                    | 0.8                       | 6                       | 6.1                         |
| OTHER DISPOSAL                     | 796                        | 0.0                       | 4                       | 4.0                         |
| LAND TREATMENT/APPLICATION/FARMING | 15                         | 0.0                       | 4                       | 4.0                         |
|                                    | 15,788,751                 | 100.0                     | 99                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D018, F003, F005, D002, D035, D007, D008, D003, D039

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## TEXAS

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 990

16 Quantity of RCRA Hazardous Waste Shipped: 607,321

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                   | City           | Quantity Shipped<br>(Tons) |
|-------|--------------|---|----------------|----------------------------|
| 1     | TXD058275769 | EQUISTAR CHEMICALS CHANNELVIEW COMPLEX      | CHANNELVIEW    | 69,130                     |
| 2     | TXD046844700 | CHEMICAL RECLAMATION SERVICES AVALON FACI   | AVALON         | 26,309                     |
| 3     | TXD981053770 | DURATHERM SAN LEON                          | SAN LEON       | 25,218                     |
| 4     | TXD000838896 | VEOLIA ES TECHNICAL SOLUTIONS               | PORT ARTHUR    | 21,577                     |
| 5     | TXD058260977 | BAYER MATERIAL SCIENCE                      | BAYTOWN        | 21,520                     |
| 6     | TXD071378582 | NUCOR STEEL-TEXAS                           | JEWETT         | 17,227                     |
| 7     | TXD066362559 | CHAPARRAL STEEL MIDLOTHIAN PLANT            | MIDLOTHIAN     | 15,684                     |
| 8     | TXD008119414 | STRUCTURAL METALS                           | SEGUIN         | 14,540                     |
| 9     | TXD008076846 | HUNTSMAN PETROCHEMICAL PO MTBE PLANT        | PORT NECHES    | 14,528                     |
| 10    | TXD077603371 | SAFETY-KLEEN SYSTEMS DENTON RECYCLE CENT    | DENTON         | 13,244                     |
| 11    | TXD008080533 | BP PRODUCTS NORTH AMERICA                   | TEXAS CITY     | 11,905                     |
| 12    | TXD000782698 | EXXON MOBIL REFINING & SUPPLY BAYTOWN REFI  | BAYTOWN        | 10,523                     |
| 13    | TXD070133319 | OXY VINYL LA PORTE PLANT                    | LA PORTE       | 9,793                      |
| 14    | TXD008079212 | E I DUPONT DE NEMOURS LA PORTE PLANT        | LA PORTE       | 9,232                      |
| 15    | TXD051161990 | CITGO CORPUS CHRISTI REFINERY E PLANT & TER | CORPUS CHRISTI | 9,048                      |
| 16    | TXR000057752 | INVISTA SARL SABINE RIVER WORKS             | ORANGE         | 8,431                      |
| 17    | TXD074195678 | GULF CHEMICAL & METALLURGICAL FREEPORT      | FREEPORT       | 8,167                      |
| 18    | TXD058276130 | LYONDELLBASELL ACETYLS                      | LA PORTE       | 8,089                      |
| 19    | TXD000836486 | GB BIOSCIENCES CORPORATION GREENS BAYOU     | HOUSTON        | 7,537                      |
| 20    | TXD008079642 | E I DU PONT DE NEMOURS SABINE RIVER WORKS   | ORANGE         | 7,247                      |
| 21    | TXD000356816 | CHAMPION TECHNOLOGIES FRESNO                | FRESNO         | 6,547                      |
| 22    | TXR000057745 | INVISTA SARL LA PORTE PLANT                 | LA PORTE       | 6,478                      |
| 23    | TXD048210645 | PHILLIPS 66 SWEENEY REFINERY                | OLD OCEAN      | 6,184                      |
| 24    | TXD041067638 | LUBRIZOL DEER PARK                          | DEER PARK      | 6,166                      |
| 25    | TXD043750512 | ARKEMA CROSBY PLANT                         | CROSBY         | 5,976                      |
| 26    | TXD074196338 | ELTEX CHEMICAL                              | HOUSTON        | 5,846                      |
| 27    | TXD980864086 | MERISOL WINNIE PLANT                        | WINNIE         | 5,340                      |
| 28    | TXD003913381 | CHEVRON PHILLIPS CEDAR BAYOU PLANT          | BAYTOWN        | 5,284                      |
| 29    | TXD088474663 | FLINT HILLS RESOURCES CORPUS CHRISTI WEST I | CORPUS CHRISTI | 4,802                      |
| 30    | TXR000057968 | INVISTA SARL VICTORIA SITE                  | VICTORIA       | 4,773                      |
| 31    | TXD007398175 | ARCELORMITTAL VINTON                        | ANTHONY        | 4,676                      |
| 32    | TXD980864078 | GULF WEST LANDFILL TEXAS                    | ANAHUAC        | 3,857                      |
| 33    | TXD988076295 | KMTX  | PORT ARTHUR    | 3,647                      |
| 34    | TXD083472266 | LYONDELL CHEMICAL CHANNELVIEW               | CHANNELVIEW    | 3,611                      |
| 35    | TXD990757486 | AIR PRODUCTS PASADENA PLANT                 | PASADENA       | 3,575                      |
| 36    | TXR000018853 | SAMSUNG AUSTIN SEMICONDUCTOR                | AUSTIN         | 3,432                      |
| 37    | TXD990797714 | EXXONMOBIL BEAUMONT REFINERY                | BEAUMONT       | 3,431                      |
| 38    | TXD067285973 | SHELL OIL DEER PARK                         | DEER PARK      | 3,230                      |
| 39    | TXD008081101 | E I DU PONT DE NEMOURS BEAUMONT WORKS       | NEDERLAND      | 3,215                      |
| 40    | TXD057191199 | AKZO NOBEL CHEMICALS DEER PARK              | LA PORTE       | 3,154                      |
| 41    | TXD008106999 | MERISOL GREENS BAYOU PLANT                  | HOUSTON        | 3,032                      |
| 42    | TXD008084618 | NALCO SUGAR LAND PLANT                      | SUGAR LAND     | 2,978                      |
| 43    | TXD980809909 | BAYTOWN CHEMICAL PLANT                      | BAYTOWN        | 2,930                      |
| 44    | TXR000036251 | CHEMICAL WASTE MANAGEMENT CLOSED SITES G    | PORT ARTHUR    | 2,923                      |
| 45    | TXD987985900 | JAVELINA GAS PROCESSING FACILITY            | CORPUS CHRISTI | 2,901                      |
| 46    | TXD054455050 | UNITED GALVANIZING                          | HOUSTON        | 2,865                      |
| 47    | TXD008117186 | ENCYCLE TEXAS                               | CORPUS CHRISTI | 2,833                      |
| 48    | TXD008072134 | TEXAS PETROCHEMICALS                        | HOUSTON        | 2,830                      |
| 49    | TXD980627137 | EQUISTAR CHEMICALS CHOCOLATE BAYOU COMPI    | LIVERPOOL      | 2,811                      |
| 50    | TXD007321904 | TEXAS INSTRUMENTS DALLAS N CENTRAL EXPRES   | DALLAS         | 2,778                      |
| Total |              |   |                | 451,055                    |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## TEXAS

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 44

19 Quantity of RCRA Hazardous Waste Received: 653,609 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City           | Quantity Received<br>(Tons) |
|--------------|--------------|--|----------------|-----------------------------|
| 1            | TXD000719518 | TM DEER PARK SERVICES                        | DEER PARK      | 150,059                     |
| 2            | TXD055141378 | CLEAN HARBORS DEER PARK                      | LA PORTE       | 149,629                     |
| 3            | TXD069452340 | US ECOLOGY TEXAS                             | ROBSTOWN       | 68,154                      |
| 4            | TXD083472266 | LYONDELL CHEMICAL CHANNELVIEW                | CHANNELVIEW    | 66,305                      |
| 5            | TXD000838896 | VEOLIA ES TECHNICAL SOLUTIONS                | PORT ARTHUR    | 38,580                      |
| 6            | TXD981053770 | DURATHERM SAN LEON                           | SAN LEON       | 34,088                      |
| 7            | TXD077603371 | SAFETY-KLEEN SYSTEMS DENTON RECYCLE CENTER   | DENTON         | 33,044                      |
| 8            | TXD046844700 | CHEMICAL RECLAMATION SERVICES AVALON FACILIT | AVALON         | 16,551                      |
| 9            | TXD074195678 | GULF CHEMICAL & METALLURGICAL FREEPORT       | FREEPORT       | 15,754                      |
| 10           | TXR000001016 | TM CORPUS CHRISTI SERVICES                   | CORPUS CHRISTI | 14,549                      |
| 11           | TXD008079642 | E I DU PONT DE NEMOURS SABINE RIVER WORKS    | ORANGE         | 13,180                      |
| 12           | TXD008099079 | RHODIA                                       | HOUSTON        | 11,202                      |
| 13           | TXD981911209 | OXY VINYL DEER PARK VCM PLANT                | DEER PARK      | 10,017                      |
| 14           | TXD074196338 | ELTEX CHEMICAL                               | HOUSTON        | 7,057                       |
| 15           | TXD008106999 | MERISOL GREENS BAYOU PLANT                   | HOUSTON        | 5,296                       |
| 16           | TXD106829963 | EURECAT US                                   | PASADENA       | 4,434                       |
| 17           | TXD008092793 | THE DOW CHEMICAL TEXAS OPERATIONS FREEPORT   | FREEPORT       | 3,828                       |
| 18           | TXD981514383 | ALPHA OMEGA RECYCLING                        | WHITE OAK      | 1,928                       |
| 19           | TXD982290140 | CLEAN HARBORS LAPORTE                        | LA PORTE       | 1,884                       |
| 20           | TXD006451090 | EXIDE FRISCO BATTERY RECYCLING PLANT         | FRISCO         | 1,723                       |
| 21           | TXD055135388 | SET ENVIRONMENTAL                            | HOUSTON        | 1,625                       |
| 22           | TXD102599339 | PSC RECOVERY SYSTEMS                         | DALLAS         | 872                         |
| 23           | TXD980745095 | NEXEO SOLUTIONS GARLAND                      | GARLAND        | 771                         |
| 24           | TXR000077966 | PETRO-TECH ENVIRONMENTAL                     | HOUSTON        | 760                         |
| 25           | TXD980748461 | STOLTHAVEN HOUSTON SUBSIDIARY OF STOLT NIELS | HOUSTON        | 668                         |
| 26           | TXD982560294 | NSSI RECOVERY SERVICES                       | HOUSTON        | 373                         |
| 27           | TXD010803203 | SAFETY-KLEEN MISSOURI CITY 6 073 02          | MISSOURI CITY  | 311                         |
| 28           | TXD097673149 | VOPAK LOGISTICS SERVICES USA DEER PARK       | DEER PARK      | 167                         |
| 29           | TXD981056690 | SAFETY-KLEEN SYSTEMS MIDLAND                 | MIDLAND        | 142                         |
| 30           | TXD000747378 | SAFETY-KLEEN SYSTEMS                         | LONGVIEW       | 122                         |
| 31           | TXD988021259 | NOVA MOLECULAR TECHNOLOGIES                  | PASADENA       | 116                         |
| 32           | TXD981052061 | SAFETY KLEEN SYSTEMS IRVING                  | IRVING         | 74                          |
| 33           | TXD981053416 | SAFETY KLEEN SYSTEMS FORT WORTH              | HALTOM CITY    | 69                          |
| 34           | TXD000729400 | SAFETY-KLEEN SYSTEMS SAN ANTONIO             | SAN ANTONIO    | 65                          |
| 35           | TXD980876015 | SAFETY-KLEEN WACO                            | WACO           | 47                          |
| 36           | TXD988088464 | WASTE CONTROL SPECIALISTS                    | ANDREWS        | 38                          |
| 37           | TXD000747402 | SAFETY-KLEEN SYSTEMS CORPUS CHRISTI BRANCH   | CORPUS CHRISTI | 31                          |
| 38           | TXD062287883 | SAFETY KLEEN ABILENE 6 002 01                | ABILENE        | 24                          |
| 39           | TXD988070082 | BAYLOR COLLEGE OF MEDICINE                   | HOUSTON        | 21                          |
| 40           | TXD083145656 | SAFETY-KLEEN SYSTEMS                         | MCALLEN        | 18                          |
| 41           | TXR000000034 | CONECUS TEJAS FACILITY                       | TERRELL        | 15                          |
| 42           | TXD987988318 | SCHLUMBERGER WELL SERVICES PERFORATING ANI   | FORT STOCKTON  | 11                          |
| 43           | TXR000031419 | SOUTHWESTERN RECYCLING CO                    | MANSFIELD      | 3                           |
| 44           | TXD007330202 | EASTMAN CHEMICAL COMPANY                     | LONGVIEW       | 1                           |
| <b>Total</b> |              |  |                | <b>653,609</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## TEXAS

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT        | 82                         | 0.0                       | 3                       | 6.8                         |
| AQUEOUS ORGANIC TREATMENT          | 1,664                      | 0.3                       | 5                       | 11.4                        |
| DEEPWELL OR UNDERGROUND INJECTION  | 221,983                    | 34.0                      | 6                       | 13.6                        |
| ENERGY RECOVERY                    | 22,478                     | 3.4                       | 5                       | 11.4                        |
| FUEL BLENDING                      | 21,927                     | 3.4                       | 6                       | 13.6                        |
| INCINERATION                       | 214,080                    | 32.8                      | 11                      | 25.0                        |
| LAND TREATMENT/APPLICATION/FARMING | 15                         | 0.0                       | 4                       | 9.1                         |
| LANDFILL/SURFACE IMPOUNDMENT       | 38,414                     | 5.9                       | 2                       | 4.5                         |
| METALS RECOVERY                    | 19,422                     | 3.0                       | 7                       | 15.9                        |
| OTHER DISPOSAL                     | 762                        | 0.1                       | 2                       | 4.5                         |
| OTHER RECOVERY                     | 61,753                     | 9.4                       | 4                       | 9.1                         |
| OTHER TREATMENT                    | 960                        | 0.1                       | 14                      | 31.8                        |
| SOLVENTS RECOVERY                  | 10,252                     | 1.6                       | 11                      | 25.0                        |
| STABILIZATION                      | 157                        | 0.0                       | 2                       | 4.5                         |
| STORAGE AND/OR TRANSFER            | 39,660                     | 6.1                       | 26                      | 59.1                        |
|                                    | 653,609                    | 100.0                     | 44                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| DEEPWELL OR UNDERGROUND INJECTION  | 221,983                    | 34.0                      | 6                       | 13.6                        |
| INCINERATION                       | 214,080                    | 32.8                      | 11                      | 25.0                        |
| OTHER RECOVERY                     | 61,753                     | 9.4                       | 4                       | 9.1                         |
| STORAGE AND/OR TRANSFER            | 39,660                     | 6.1                       | 26                      | 59.1                        |
| LANDFILL/SURFACE IMPOUNDMENT       | 38,414                     | 5.9                       | 2                       | 4.5                         |
| ENERGY RECOVERY                    | 22,478                     | 3.4                       | 5                       | 11.4                        |
| FUEL BLENDING                      | 21,927                     | 3.4                       | 6                       | 13.6                        |
| METALS RECOVERY                    | 19,422                     | 3.0                       | 7                       | 15.9                        |
| SOLVENTS RECOVERY                  | 10,252                     | 1.6                       | 11                      | 25.0                        |
| AQUEOUS ORGANIC TREATMENT          | 1,664                      | 0.3                       | 5                       | 11.4                        |
| OTHER TREATMENT                    | 960                        | 0.1                       | 14                      | 31.8                        |
| OTHER DISPOSAL                     | 762                        | 0.1                       | 2                       | 4.5                         |
| STABILIZATION                      | 157                        | 0.0                       | 2                       | 4.5                         |
| AQUEOUS INORGANIC TREATMENT        | 82                         | 0.0                       | 3                       | 6.8                         |
| LAND TREATMENT/APPLICATION/FARMING | 15                         | 0.0                       | 4                       | 9.1                         |
|                                    | 653,609                    | 100.0                     | 44                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method                  | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER            | 39,660                     | 6.1                       | 26                      | 59.1                        |
| OTHER TREATMENT                    | 960                        | 0.1                       | 14                      | 31.8                        |
| SOLVENTS RECOVERY                  | 10,252                     | 1.6                       | 11                      | 25.0                        |
| INCINERATION                       | 214,080                    | 32.8                      | 11                      | 25.0                        |
| METALS RECOVERY                    | 19,422                     | 3.0                       | 7                       | 15.9                        |
| DEEPWELL OR UNDERGROUND INJECTION  | 221,983                    | 34.0                      | 6                       | 13.6                        |
| FUEL BLENDING                      | 21,927                     | 3.4                       | 6                       | 13.6                        |
| AQUEOUS ORGANIC TREATMENT          | 1,664                      | 0.3                       | 5                       | 11.4                        |
| ENERGY RECOVERY                    | 22,478                     | 3.4                       | 5                       | 11.4                        |
| LAND TREATMENT/APPLICATION/FARMING | 15                         | 0.0                       | 4                       | 9.1                         |
| OTHER RECOVERY                     | 61,753                     | 9.4                       | 4                       | 9.1                         |
| AQUEOUS INORGANIC TREATMENT        | 82                         | 0.0                       | 3                       | 6.8                         |
| LANDFILL/SURFACE IMPOUNDMENT       | 38,414                     | 5.9                       | 2                       | 4.5                         |
| STABILIZATION                      | 157                        | 0.0                       | 2                       | 4.5                         |
| OTHER DISPOSAL                     | 762                        | 0.1                       | 2                       | 4.5                         |
|                                    | 653,609                    | 100.0                     | 44                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**TEXAS**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 168,191 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 235,487 Tons

**26 Texas Interstate Shipment / Receipts (As reported by Texas):**

The State to which Texas shipped the largest quantity of waste was Louisiana (48,308 tons).

The State that shipped the largest quantity of waste to Texas was Louisiana (89,002 tons).

## TRUST TERRITORIES

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 3

2 Quantity of RCRA Hazardous Waste Generated: 14 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank  | EPA ID       | Site Name                                       | City                | Total Generated<br>(Tons) |
|-------|--------------|---|---------------------|---------------------------|
| 1     | TTR000129023 | MOBIL OIL MARIANA ISLANDS, INC. (ROTA BULK PLAI | ROTA                | 6                         |
| 2     | TTR000128967 | MOBIL SAIPAN TERMINAL                           | PUERTO RICO, SAIPAN | 6                         |
| 3     | TTD987866035 | USAF WAKE ISLAND AIR FIELD                      | WAKE ISLAND         | 3                         |
| Total |              |   |                     | 14                        |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## TRUST TERRITORIES

## 2011 WASTE GENERATION, CONTINUED

**4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes**

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 1                       | ONLY AN F CODE                | 0                       |  |                         |
| ONLY CORROSIVE                        | 0                       | ONLY A K CODE                 | 0                       |  |                         |
| ONLY REACTIVE                         | 0                       | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 0                       | ONLY A U CODE                 | 0                       |  |                         |
| ONLY D018-43                          | 13                      |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 0                       | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>14</b>               | <b>TOTAL</b>                  | <b>0</b>                | <b>Both Characteristic and Listed</b>          | <b>0</b>                |

**5 Quantities of Waste Generated in 2011 That Were Multiply Coded**

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 0                       |   |                         | IGN. W/ AT LEAST 1 LSTD              | 0                       |
| HAS CORROSIVE CODE  | 0                       |   |                         | CORR. W/ AT LEAST 1 LSTD             | 0                       |
| HAS REACTIVE CODE   | 0                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 0                       |
| HAS D004-D017 CODE  | 0                       |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 0                       |
| HAS D018-D043 CODE  | 0                       |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 0                       |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 0                       |
| <b>TOTAL</b>  | <b>0</b>                | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>0</b>                |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

**6 Top Wastes Generated\*: D002, D018, D026, D001, D003, D008, D009, F001, F002**

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

**7 Top Quantities of Waste Generated in 2011, by NAICS Code**

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 4247  | PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS        | 11             |
| 2            | 9211  | EXECUTIVE, LEGISLATIVE, AND OTHER GENERAL GOVERNMENT SUPPORT | 3              |
| <b>Total</b> |       |  | <b>14</b>      |

## TRUST TERRITORIES

### 2011 WASTE MANAGEMENT

Tables 8, 9, and 10 have been omitted from this report because there were no facilities in the Trust Territories that reported managing RCRA hazardous waste in 2011.

## TRUST TERRITORIES

### 2011 WASTE MANAGEMENT, CONTINUED

Tables 11, 12, 13, and 14 have been omitted from this report because there were no facilities in the Trust Territories that reported managing RCRA hazardous waste in 2011.

## TRUST TERRITORIES

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 3

16 Quantity of RCRA Hazardous Waste Shipped: 14

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                     | City                | Quantity Shipped<br>(Tons) |
|-------|--------------|---|---------------------|----------------------------|
| 1     | TTR000129023 | MOBIL OIL MARIANA ISLANDS, INC. (ROTA BULK PL | ROTA                | 6                          |
| 2     | TTR000128967 | MOBIL SAIPAN TERMINAL                         | PUERTO RICO, SAIPAN | 6                          |
| 3     | TTD987866035 | USAF WAKE ISLAND AIR FIELD                    | WAKE ISLAND         | 3                          |
| Total |              |   |                     | 14                         |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## TRUST TERRITORIES

### 2011 WASTE RECEIPTS

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the Trust Territories that reported receiving RCRA hazardous waste in 2011.

## TRUST TERRITORIES

### 2011 WASTE RECEIPTS, CONTINUED

Tables 21, 22, and 23 have been omitted from this report because there were no facilities in the Trust Territories that reported receiving RCRA hazardous waste in 2011.

## TRUST TERRITORIES

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 14 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 0 Tons

**26 Trust Territories Interstate Shipment / Receipts (As reported by Trust Territories):**

The State to which Trust Territories shipped the largest quantity of waste was Nebraska (11 tons).

No States shipped waste to Trust Territories.

## UTAH

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 112

2 Quantity of RCRA Hazardous Waste Generated: 49,726 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City                | Total Generated<br>(Tons) |
|--------------|--------------|---|---------------------|---------------------------|
| 1            | UT5210090002 | DESERET CHEMICAL DEPOT                      | STOCKTON            | 15,591                    |
| 2            | UTD021533054 | NUCOR STEEL- UTAH, A DIV. OF NUCOR CORP.    | PLYMOUTH            | 14,263                    |
| 3            | UTD981552177 | CLEAN HARBORS ARAGONITE, LLC                | ARAGONITE           | 2,495                     |
| 4            | UTD982598898 | ENERGYSOLUTIONS LLC                         | GRANTSVILLE         | 2,316                     |
| 5            | UTD092029768 | CHEVRON SALT LAKE REFINERY                  | SALT LAKE CITY      | 1,248                     |
| 6            | UTP000001409 | RED BUTTE CRUDE OIL RELEASE                 | SALT LAKE CITY      | 1,223                     |
| 7            | UT0571724350 | HILL AIR FORCE BASE                         | HILL AIR FORCE BASE | 1,174                     |
| 8            | UTD001705029 | ATK LAUNCH SYSTEMS INC.                     | WEST VALLEY CITY    | 1,172                     |
| 9            | UTD045267127 | BIG WEST OIL LLC                            | NORTH SALT LAKE     | 1,014                     |
| 10           | UTD980960702 | JOHNSON MATTHEY, INC.                       | WEST VALLEY CITY    | 1,011                     |
| 11           | UTR000000851 | IM FLASH TECHNOLOGIES, LLC                  | LEHI                | 867                       |
| 12           | UTD988072294 | AMERICAN PACIFIC CORPORATION - UTAH OPERATI | CEDAR CITY          | 636                       |
| 13           | UTR000002527 | HEXCEL CORPORATION                          | WEST VALLEY CITY    | 563                       |
| 14           | UTD009081357 | ATK LAUNCH SYSTEMS INC. - PROMONTORY        | BRIGHAM CITY        | 510                       |
| 15           | UTD980957088 | SAFETY-KLEEN SYSTEMS, INC.                  | SALT LAKE CITY      | 509                       |
| 16           | UT3213820894 | TOOELE ARMY DEPOT                           | TOOELE              | 456                       |
| 17           | UTD009090580 | HOLLY REFINING & MARKETING COMPANY - WOODS  | WOODS CROSS         | 434                       |
| 18           | UTD073010902 | TTM PRINTED CIRCUIT GROUP, INC.             | LOGAN               | 289                       |
| 19           | UTD991301748 | CLEAN HARBORS GRASSY MOUNTAIN, LLC.         | KNOLLS              | 268                       |
| 20           | UTD988074241 | AUTOLIV ASP INC., OEA INITIATOR FAC.        | TREMONTON           | 236                       |
| 21           | UTR000009746 | ATI TITANIUM LLC                            | GRANTSVILLE         | 225                       |
| 22           | UT0000149534 | WATSON LABORATORIES, INC.                   | SALT LAKE CITY      | 224                       |
| 23           | UTD000826446 | KENNECOTT UTAH COPPER SMELTER               | MAGNA               | 208                       |
| 24           | UTD988078150 | STERICYCLE INC.                             | NORTH SALT LAKE     | 207                       |
| 25           | UTR000000232 | IBC ADVANCED TECHNOLOGIES, INC.             | AMERICAN FORK       | 159                       |
| 26           | UTD000826412 | KENNECOTT UTAH COPPER REFINERY              | MAGNA               | 156                       |
| 27           | UTD009073305 | EDO WESTERN                                 | SALT LAKE CITY      | 154                       |
| 28           | UTD000826362 | TESORO REFINING AND MARKETING CO.           | SALT LAKE CITY      | 148                       |
| 29           | UTR000000307 | L-3 COMMUNICATIONS, CS-W                    | SALT LAKE CITY      | 142                       |
| 30           | UTD073008237 | FAIRCHILD SEMICONDUCTOR                     | WEST JORDAN         | 132                       |
| 31           | UTD000690867 | US MAGNESIUM LLC                            | ROWLEY              | 113                       |
| 32           | UTD988067351 | PACIFIC STATES CAST IRON PIPE CO.           | PROVO               | 112                       |
| 33           | UT3750211259 | DUGWAY PROVING GROUND                       | DUGWAY              | 108                       |
| 34           | UT3170027277 | ATK LAUNCH SYSTEMS - NIROP                  | MAGNA               | 71                        |
| 35           | UTR000006254 | FRONTIER SCIENTIFIC, INC.                   | LOGAN               | 63                        |
| 36           | UTD063314975 | SILVER EAGLE REFINING-WOODS CROSS INC.      | WOODS CROSS         | 63                        |
| 37           | UTD007939101 | CHEVRON PIPE LINE SALT LAKE STATION         | SALT LAKE CITY      | 62                        |
| 38           | UTR000010371 | THE PROCTOR & GAMBLE PAPER PRODUCTS CO.     | BEAR RIVER CITY     | 54                        |
| 39           | UTD988069001 | QUESTAR PIPELINE CO., PRICE OPER. CENTER    | PRICE               | 52                        |
| 40           | UTD982599334 | ARUP LABORATORIES, INC.                     | SALT LAKE CITY      | 51                        |
| 41           | UT0570090001 | UTAH TEST AND TRAINING RANGE                | HILL AIR FORCE BASE | 49                        |
| 42           | UTR000009688 | TEMKIN INTERNATIONAL INC.                   | PAYSON              | 47                        |
| 43           | UTR000010843 | EDWARDS LIFESCIENCES LLC                    | DRAPER              | 45                        |
| 44           | UTD009089277 | DYNO NOBEL INC.                             | SARATOGA SPRINGS    | 44                        |
| 45           | UTD982649170 | VALMONT COATINGS INTERMOUNTAIN GALVANIZING  | LINDON              | 44                        |
| 46           | UTD000826420 | KENNECOTT UTAH COPPER CONCENTRATOR          | COPPERTON           | 42                        |
| 47           | UTD033513631 | KLUNE INDUSTRIES, INC.                      | SPANISH FORK        | 39                        |
| 48           | UTD009094012 | BRIGHAM YOUNG UNIVERSITY                    | PROVO               | 36                        |
| 49           | UTD049779325 | JBT AEROTECH - JETWAY SYSTEMS               | OGDEN               | 33                        |
| 50           | UTD094674595 | UNIVERSITY OF UTAH                          | SALT LAKE CITY      | 32                        |
| <b>Total</b> |              |   |                     | <b>49,189</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## UTAH

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 972                     | ONLY AN F CODE                | 3,238                   |  |                         |
| ONLY CORROSIVE                        | 795                     | ONLY A K CODE                 | 14,659                  |  |                         |
| ONLY REACTIVE                         | 1,019                   | ONLY A P CODE                 | 5                       |  |                         |
| ONLY D004-17                          | 16,645                  | ONLY A U CODE                 | 52                      |  |                         |
| ONLY D018-43                          | 956                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 5,161                   | HAS MORE THAN ONE LISTED CODE | 2,717                   |  |                         |
| <b>TOTAL</b>                          | <b>25,548</b>           | <b>TOTAL</b>                  | <b>20,672</b>           | <b>Both Characteristic and Listed</b>          | <b>3,507</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 2,202                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 1,927                   |
| HAS CORROSIVE CODE  | 2,958                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 483                     |
| HAS REACTIVE CODE   | 2,210                   |   |                         | REACT. W/ AT LEAST 1 LSTD            | 585                     |
| HAS D004-D017 CODE  | 2,485                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 1,581                   |
| HAS D018-D043 CODE  | 3,412                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 1,232                   |
|   |                         | HAS AN F CODE                           | 2,717                   | F WASTE W/ AT LEAST 1 CHAR           | 3,093                   |
|   |                         | HAS A K CODE                            | 2,710                   | K WASTE W/ AT LEAST 1 CHAR           | 820                     |
|   |                         | HAS A P CODE                            | 2,310                   | P WASTE W/ AT LEAST 1 CHAR           | 671                     |
|   |                         | HAS A U CODE                            | 2,310                   | U WASTE W/ AT LEAST 1 CHAR           | 686                     |
| <b>TOTAL</b>  | <b>5,161</b>            | <b>TOTAL</b>                            | <b>2,717</b>            | <b>TOTAL</b>                         | <b>3,507</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste. Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D007, D002, D008, F005, D035, D006, F003, D018, F002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                  | 17,378         |
| 2            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING            | 14,263         |
| 3            | 5622  | WASTE TREATMENT AND DISPOSAL                                 | 5,094          |
| 4            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                    | 2,906          |
| 5            | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                    | 1,798          |
| 6            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING | 1,732          |
| 7            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING   | 1,311          |
| 8            | 4861  | PIPELINE TRANSPORTATION OF CRUDE OIL                         | 1,285          |
| 9            | 3251  | BASIC CHEMICAL MANUFACTURING                                 | 877            |
| 10           | 5621  | WASTE COLLECTION   | 732            |
| <b>Total</b> |       |  | <b>47,377</b>  |

## UTAH

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 13

9 Quantity of RCRA Hazardous Waste Managed: 142,201 Tons

## 10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                             | City                | Tons of Waste Managed |
|--------------|--------------|---------------------------------------|---------------------|-----------------------|
| 1            | UTD991301748 | CLEAN HARBORS GRASSY MOUNTAIN, LLC.   | KNOLLS              | 73,381                |
| 2            | UTD981552177 | CLEAN HARBORS ARAGONITE, LLC          | ARAGONITE           | 60,459                |
| 3            | UTD982598898 | ENERGYSOLUTIONS LLC                   | GRANTSVILLE         | 6,247                 |
| 4            | UT5210090002 | DESERET CHEMICAL DEPOT                | STOCKTON            | 1,657                 |
| 5            | UTD009081357 | ATK LAUNCH SYSTEMS INC. - PROMONTORY  | BRIGHAM CITY        | 231                   |
| 6            | UT0570090001 | UTAH TEST AND TRAINING RANGE          | HILL AIR FORCE BASE | 182                   |
| 7            | UTD001705029 | ATK LAUNCH SYSTEMS INC.               | WEST VALLEY CITY    | 20                    |
| 8            | UT3170027277 | ATK LAUNCH SYSTEMS - NIROP            | MAGNA               | 18                    |
| 9            | UTR000010843 | EDWARDS LIFESCIENCES LLC              | DRAPER              | 5                     |
| 10           | UT3750211259 | DUGWAY PROVING GROUND                 | DUGWAY              | 0                     |
| 11           | UTD127673697 | AUTOLIV PYROTECHNIC PROCESSING        | PROMONTORY          | 0                     |
| 12           | UTD048406144 | NEXEO SOLUTIONS, LLC - CLEARFIELD, UT | CLEARFIELD          | 0                     |
| 13           | UT0571724350 | HILL AIR FORCE BASE                   | HILL AIR FORCE BASE | 0                     |
| <b>Total</b> |              |                                       |                     | <b>142,201</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## UTAH

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION                 | 61,913                     | 43.5                      | 7                       | 53.8                        |
| LANDFILL/SURFACE IMPOUNDMENT | 78,231                     | 55.0                      | 2                       | 15.4                        |
| OTHER DISPOSAL               | 170                        | 0.1                       | 3                       | 23.1                        |
| OTHER TREATMENT              | 1,881                      | 1.3                       | 4                       | 30.8                        |
| SOLVENTS RECOVERY            | 5                          | 0.0                       | 1                       | 7.7                         |
|                              | 142,201                    | 100.0                     | 13                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 78,231                     | 55.0                      | 2                       | 15.4                        |
| INCINERATION                 | 61,913                     | 43.5                      | 7                       | 53.8                        |
| OTHER TREATMENT              | 1,881                      | 1.3                       | 4                       | 30.8                        |
| OTHER DISPOSAL               | 170                        | 0.1                       | 3                       | 23.1                        |
| SOLVENTS RECOVERY            | 5                          | 0.0                       | 1                       | 7.7                         |
|                              | 142,201                    | 100.0                     | 13                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION                 | 61,913                     | 43.5                      | 7                       | 53.8                        |
| OTHER TREATMENT              | 1,881                      | 1.3                       | 4                       | 30.8                        |
| OTHER DISPOSAL               | 170                        | 0.1                       | 3                       | 23.1                        |
| LANDFILL/SURFACE IMPOUNDMENT | 78,231                     | 55.0                      | 2                       | 15.4                        |
| SOLVENTS RECOVERY            | 5                          | 0.0                       | 1                       | 7.7                         |
|                              | 142,201                    | 100.0                     | 13                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D002, F003, D007, D003, D008, D011, F005, F002, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## UTAH

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 113

16 Quantity of RCRA Hazardous Waste Shipped: 79,429

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                 | City                | Quantity Shipped<br>(Tons) |
|-------|--------------|---|---------------------|----------------------------|
| 1     | UTD981552177 | CLEAN HARBORS ARAGONITE, LLC              | ARAGONITE           | 25,920                     |
| 2     | UTD021533054 | NUCOR STEEL- UTAH, A DIV. OF NUCOR CORP.  | PLYMOUTH            | 14,263                     |
| 3     | UT5210090002 | DESERET CHEMICAL DEPOT                    | STOCKTON            | 13,966                     |
| 4     | UTD982595795 | CLEAN HARBORS CLIVE, LLC                  | CLIVE               | 10,426                     |
| 5     | UTP000001409 | RED BUTTE CRUDE OIL RELEASE               | SALT LAKE CITY      | 1,223                      |
| 6     | UTD092029768 | CHEVRON SALT LAKE REFINERY                | SALT LAKE CITY      | 1,219                      |
| 7     | UT0571724350 | HILL AIR FORCE BASE                       | HILL AIR FORCE BASE | 1,174                      |
| 8     | UTD045267127 | BIG WEST OIL LLC                          | NORTH SALT LAKE     | 1,014                      |
| 9     | UTD980960702 | JOHNSON MATTHEY, INC.                     | WEST VALLEY CITY    | 1,011                      |
| 10    | UTR000000851 | IM FLASH TECHNOLOGIES, LLC                | LEHI                | 867                        |
| 11    | UTD001705029 | ATK LAUNCH SYSTEMS INC.                   | WEST VALLEY CITY    | 848                        |
| 12    | UTD988072294 | AMERICAN PACIFIC CORPORATION - UTAH OPERA | CEDAR CITY          | 636                        |
| 13    | UTD980957088 | SAFETY-KLEEN SYSTEMS, INC.                | SALT LAKE CITY      | 589                        |
| 14    | UTR000002527 | HEXCEL CORPORATION                        | WEST VALLEY CITY    | 562                        |
| 15    | UTD009081357 | ATK LAUNCH SYSTEMS INC. - PROMONTORY      | BRIGHAM CITY        | 510                        |
| 16    | UT3213820894 | TOOELE ARMY DEPOT                         | TOOELE              | 456                        |
| 17    | UTD009090580 | HOLLY REFINING & MARKETING COMPANY - WOOD | WOODS CROSS         | 434                        |
| 18    | UTD991301748 | CLEAN HARBORS GRASSY MOUNTAIN, LLC.       | KNOLLS              | 403                        |
| 19    | UTD073010902 | TTM PRINTED CIRCUIT GROUP, INC.           | LOGAN               | 289                        |
| 20    | UTD988074241 | AUTOLIV ASP INC., OEA INITIATOR FAC.      | TREMONTON           | 226                        |
| 21    | UTR000009746 | ATI TITANIUM LLC                          | GRANTSVILLE         | 225                        |
| 22    | UT0000149534 | WATSON LABORATORIES, INC.                 | SALT LAKE CITY      | 224                        |
| 23    | UTD000826446 | KENNECOTT UTAH COPPER SMELTER             | MAGNA               | 208                        |
| 24    | UTD988078150 | STERICYCLE INC.                           | NORTH SALT LAKE     | 207                        |
| 25    | UTR000000232 | IBC ADVANCED TECHNOLOGIES, INC.           | AMERICAN FORK       | 159                        |
| 26    | UTD000826412 | KENNECOTT UTAH COPPER REFINERY            | MAGNA               | 156                        |
| 27    | UTD009073305 | EDO WESTERN                               | SALT LAKE CITY      | 154                        |
| 28    | UTR000000307 | L-3 COMMUNICATIONS, CS-W                  | SALT LAKE CITY      | 142                        |
| 29    | UTD000826362 | TESORO REFINING AND MARKETING CO.         | SALT LAKE CITY      | 142                        |
| 30    | UTD073008237 | FAIRCHILD SEMICONDUCTOR                   | WEST JORDAN         | 132                        |
| 31    | UTD000690867 | US MAGNESIUM LLC                          | ROWLEY              | 113                        |
| 32    | UTD988067351 | PACIFIC STATES CAST IRON PIPE CO.         | PROVO               | 112                        |
| 33    | UT3170027277 | ATK LAUNCH SYSTEMS - NIROP                | MAGNA               | 69                         |
| 34    | UTD982599334 | ARUP LABORATORIES, INC.                   | SALT LAKE CITY      | 68                         |
| 35    | UT3750211259 | DUGWAY PROVING GROUND                     | DUGWAY              | 66                         |
| 36    | UTD063314975 | SILVER EAGLE REFINING-WOODS CROSS INC.    | WOODS CROSS         | 63                         |
| 37    | UTD007939101 | CHEVRON PIPE LINE SALT LAKE STATION       | SALT LAKE CITY      | 62                         |
| 38    | UTD982598898 | ENERGYSOLUTIONS LLC                       | GRANTSVILLE         | 57                         |
| 39    | UTR000010371 | THE PROCTOR & GAMBLE PAPER PRODUCTS CO.   | BEAR RIVER CITY     | 54                         |
| 40    | UTD988069001 | QUESTAR PIPELINE CO., PRICE OPER. CENTER  | PRICE               | 52                         |
| 41    | UTD048406144 | NEXEO SOLUTIONS, LLC - CLEARFIELD, UT     | CLEARFIELD          | 48                         |
| 42    | UTR000009688 | TEMKIN INTERNATIONAL INC.                 | PAYSON              | 47                         |
| 43    | UTD009089277 | DYNO NOBEL INC.                           | SARATOGA SPRINGS    | 44                         |
| 44    | UTD982649170 | VALMONT COATINGS INTERMOUNTAIN GALVANIZIN | LINDON              | 44                         |
| 45    | UTD000826420 | KENNECOTT UTAH COPPER CONCENTRATOR        | COPPERTON           | 42                         |
| 46    | UTR000010843 | EDWARDS LIFESCIENCES LLC                  | DRAPER              | 40                         |
| 47    | UTD033513631 | KLUNE INDUSTRIES, INC.                    | SPANISH FORK        | 39                         |
| 48    | UTD049779325 | JBT AEROTECH - JETWAY SYSTEMS             | OGDEN               | 33                         |
| 49    | UTD009094012 | BRIGHAM YOUNG UNIVERSITY                  | PROVO               | 32                         |
| 50    | UTD094674595 | UNIVERSITY OF UTAH                        | SALT LAKE CITY      | 32                         |
| Total |              |   |                     | 78,901                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## UTAH

### 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 10

19 Quantity of RCRA Hazardous Waste Received: 145,602 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                             | City                | Quantity Received<br>(Tons) |
|--------------|--------------|---------------------------------------|---------------------|-----------------------------|
| 1            | UTD991301748 | CLEAN HARBORS GRASSY MOUNTAIN, LLC.   | KNOLLS              | 73,132                      |
| 2            | UTD981552177 | CLEAN HARBORS ARAGONITE, LLC          | ARAGONITE           | 58,655                      |
| 3            | UTD982595795 | CLEAN HARBORS CLIVE, LLC              | CLIVE               | 9,253                       |
| 4            | UTD982598898 | ENERGYSOLUTIONS LLC                   | GRANTSVILLE         | 4,062                       |
| 5            | UTD009081357 | ATK LAUNCH SYSTEMS INC. - PROMONTORY  | BRIGHAM CITY        | 238                         |
| 6            | UT0570090001 | UTAH TEST AND TRAINING RANGE          | HILL AIR FORCE BASE | 133                         |
| 7            | UTD980957088 | SAFETY-KLEEN SYSTEMS, INC.            | SALT LAKE CITY      | 89                          |
| 8            | UTD048406144 | NEXEO SOLUTIONS, LLC - CLEARFIELD, UT | CLEARFIELD          | 25                          |
| 9            | UTD001705029 | ATK LAUNCH SYSTEMS INC.               | WEST VALLEY CITY    | 8                           |
| 10           | UT3170027277 | ATK LAUNCH SYSTEMS - NIROP            | MAGNA               | 7                           |
| <b>Total</b> |              |                                       |                     | <b>145,602</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## UTAH

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION                 | 58,188                     | 40.0                      | 4                       | 40.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 77,049                     | 52.9                      | 2                       | 20.0                        |
| OTHER DISPOSAL               | 170                        | 0.1                       | 2                       | 20.0                        |
| OTHER TREATMENT              | 126                        | 0.1                       | 2                       | 20.0                        |
| STORAGE AND/OR TRANSFER      | 10,068                     | 6.9                       | 6                       | 60.0                        |
|                              | 145,602                    | 100.0                     | 10                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| LANDFILL/SURFACE IMPOUNDMENT | 77,049                     | 52.9                      | 2                       | 20.0                        |
| INCINERATION                 | 58,188                     | 40.0                      | 4                       | 40.0                        |
| STORAGE AND/OR TRANSFER      | 10,068                     | 6.9                       | 6                       | 60.0                        |
| OTHER DISPOSAL               | 170                        | 0.1                       | 2                       | 20.0                        |
| OTHER TREATMENT              | 126                        | 0.1                       | 2                       | 20.0                        |
|                              | 145,602                    | 100.0                     | 10                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 10,068                     | 6.9                       | 6                       | 60.0                        |
| INCINERATION                 | 58,188                     | 40.0                      | 4                       | 40.0                        |
| OTHER DISPOSAL               | 170                        | 0.1                       | 2                       | 20.0                        |
| OTHER TREATMENT              | 126                        | 0.1                       | 2                       | 20.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 77,049                     | 52.9                      | 2                       | 20.0                        |
|                              | 145,602                    | 100.0                     | 10                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**UTAH**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 24,578 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 65,570 Tons

**26 Utah Interstate Shipment / Receipts (As reported by Utah):**

The State to which Utah shipped the largest quantity of waste was Illinois (13,269 tons).

The State that shipped the largest quantity of waste to Utah was California (34,501 tons).

## VERMONT

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 48

2 Quantity of RCRA Hazardous Waste Generated: 1,978 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                     | City             | Total Generated<br>(Tons) |
|--------------|--------------|---|------------------|---------------------------|
| 1            | VTD002084705 | IBM CORPORATION                               | ESSEX JUNCTION   | 538                       |
| 2            | VTD002065597 | ENERGIZER BATTERY MANUFACTURING, INC          | BENNINGTON       | 315                       |
| 3            | VTD001075894 | GENERAL ELECTRIC COMPANY, PLANT 2             | RUTLAND          | 306                       |
| 4            | VTD001086529 | C E BRADLEY LABORATORIES INC                  | BRATTLEBORO      | 125                       |
| 5            | VTD039697347 | VERMONT CASTINGS, A DIVISION OF MHSC          | BETHEL           | 67                        |
| 6            | VTD000791699 | SAFETY-KLEEN SYSEMS, INC                      | BARRE            | 56                        |
| 7            | VTD099682494 | MYLAN TECHNOLOGIES INC                        | ST. ALBANS       | 41                        |
| 8            | VTD002085108 | GENERAL ELECTRIC COMPANY, PLANT 1             | RUTLAND          | 41                        |
| 9            | VTD060525151 | FLETCHER ALLEN HEALTH CARE. MCHV CAMPUS       | BURLINGTON       | 39                        |
| 10           | VTD002065654 | ENERGIZER BATTERY MANUFACTURING, INC.         | ST. ALBANS       | 38                        |
| 11           | VTD981065998 | G.S. PRECISION, INC                           | BRATTLEBORO      | 35                        |
| 12           | VTD064436074 | WEIDMANN ELECTRICAL TECHNOLOGY                | ST. JOHNSBURY    | 34                        |
| 13           | VTR000508663 | VERMONT PRECISION TOOLS, INC.                 | SWANTON          | 32                        |
| 14           | VTD002068070 | GOODRICH FUEL AND UTILITY SYSTEMS             | VERGENNES        | 29                        |
| 15           | VTD001082841 | ETHAN ALLEN OPERATIONS, INC.                  | ORLEANS          | 28                        |
| 16           | VTR000516153 | TESTAMERICA                                   | SOUTH BURLINGTON | 27                        |
| 17           | VTD000509174 | VISHAY SPRAGUE DBA TANSITOR ELECTRONICS       | BENNINGTON       | 26                        |
| 18           | VTD000636449 | UNIVERSITY OF VERMONT & STATE AGRICULTURAL    | BURLINGTON       | 24                        |
| 19           | VTD980670319 | VERMONT CIRCUITS, INC.                        | BRATTLEBORO      | 23                        |
| 20           | VTR000512020 | QUESTECH CORPORATION                          | RUTLAND          | 22                        |
| 21           | VTR000005223 | RUTLAND COUNTY SOLID WASTE DISTRICT TRANSF    | RUTLAND          | 22                        |
| 22           | VTD020673299 | ISOVOLTA INC                                  | RUTLAND          | 19                        |
| 23           | VTR000518779 | REVISION MILITARY LTD                         | ESSEX JUNCTION   | 13                        |
| 24           | VTR000500157 | VILLANTI PRINTERS                             | MILTON           | 12                        |
| 25           | VTD982765869 | VT DEPT OF BGS WATERBURY MAINT SHOP           | WATERBURY        | 8                         |
| 26           | VTD000791871 | GLOBAL COMPANIES LLC - BURLINGTON (VT) TERMII | BURLINGTON       | 7                         |
| 27           | VTD001079367 | PRECISION VALLEY FINISHING                    | SPRINGFIELD      | 7                         |
| 28           | VTD001080126 | KENNAMETAL INC                                | LYNDONVILLE      | 6                         |
| 29           | VTR000513747 | EARTH WASTE SYSTEMS                           | MIDDLEBURY       | 5                         |
| 30           | VTD982543225 | SD IRELAND CONCRETE CONSTRUCTION CORP         | WILLISTON        | 5                         |
| 31           | VTD982194193 | S B COLLINS INC                               | ST ALBANS        | 4                         |
| 32           | VT6572824294 | VERMONT AIR NATIONAL GUARD                    | SOUTH BURLINGTON | 3                         |
| 33           | VTD000649723 | CENTRAL VERMONT MOTORCYCLES                   | RUTLAND          | 3                         |
| 34           | VTD069911873 | TIVOLY INC                                    | DERBY            | 2                         |
| 35           | VTP000014025 | NEW ENGLAND POWER COMPANY                     | JACKSONVILLE     | 2                         |
| 36           | VTD020651675 | MIDDLEBURY COLLEGE                            | MIDDLEBURY       | 2                         |
| 37           | VTD037700465 | VERMONT AEROSPACE MANUFACTURING INC           | LYNDON           | 2                         |
| 38           | VTD000636563 | UNIVERSITY OF VERMONT & STATE AGRICULTURAL    | BURLINGTON       | 1                         |
| 39           | VTD988375283 | RA LAROSA ENVIRONMENTAL LABORATORY            | WATERBURY        | 1                         |
| 40           | VTD045014602 | FIBERMARK NORTH AMERICA, INC.                 | BRATTLEBORO      | 1                         |
| 41           | VTD085574978 | NORTHEASTERN VERMONT REGIONAL HOSPITAL        | ST JOHNSBURY     | 1                         |
| 42           | VTR000517052 | ENPRO SERVICES OF VERMONT, INC.               | WILLISTON        | 1                         |
| 43           | VTD988367355 | CVPS SYSTEMS BLDG. & RUTLAND SERVICE CENTE    | RUTLAND          | 1                         |
| 44           | VTD007939614 | CENTRAL VERMONT PUBLIC SERVICE CORP TSDF      | RUTLAND          | 1                         |
| 45           | VTR000013011 | SB COLLINS INC IRASBURG GENERAL STORE         | IRASBURG         | 1                         |
| 46           | VTR000012443 | S B COLLINS INC TAFTS CORNER MOBIL            | WILLISTON        | 1                         |
| 47           | VTR000502252 | CHITTENDEN SOLID WASTE DISTRICT ENVIRONMEN    | SOUTH BURLINGTON | 0                         |
| 48           | VTD043783992 | VERMONT RAILWAY                               | BURLINGTON       | 0                         |
| <b>Total</b> |              |   |                  | <b>1,978</b>              |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## VERMONT

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 251                     | ONLY AN F CODE                | 78                      |  |                         |
| ONLY CORROSIVE                        | 156                     | ONLY A K CODE                 | 0                       |  |                         |
| ONLY REACTIVE                         | 1                       | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 356                     | ONLY A U CODE                 | 26                      |  |                         |
| ONLY D018-43                          | 13                      |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 557                     | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>1,334</b>            | <b>TOTAL</b>                  | <b>104</b>              | <b>Both Characteristic and Listed</b>          | <b>540</b>              |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 234                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 434                     |
| HAS CORROSIVE CODE  | 357                     |   |                         | CORR. W/ AT LEAST 1 LSTD             | 21                      |
| HAS REACTIVE CODE   | 11                      |   |                         | REACT. W/ AT LEAST 1 LSTD            | 1                       |
| HAS D004-D017 CODE  | 377                     |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 314                     |
| HAS D018-D043 CODE  | 177                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 359                     |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 533                     |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 3                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 197                     |
| <b>TOTAL</b>  | <b>557</b>              | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>540</b>              |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D008, D007, F003, F005, D018, D035, D011, D006

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING           | 587            |
| 2            | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                            | 375            |
| 3            | 3359  | OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING               | 353            |
| 4            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                           | 125            |
| 5            | 5621  | WASTE COLLECTION   | 78             |
| 6            | 3329  | OTHER FABRICATED METAL PRODUCT MANUFACTURING                         | 69             |
| 7            | 3221  | PULP, PAPER, AND PAPERBOARD MILLS                                    | 54             |
| 8            | 3222  | CONVERTED PAPER PRODUCT MANUFACTURING                                | 41             |
| 9            | 6221  | GENERAL MEDICAL AND SURGICAL HOSPITALS                               | 40             |
| 10           | 3327  | MACHINE SHOPS; TURNED PRODUCT; AND SCREW, NUT, AND BOLT MANUFACTURII | 35             |
| <b>Total</b> |       |  | <b>1,757</b>   |

## VERMONT

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 7

9 Quantity of RCRA Hazardous Waste Managed: 364,194 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                                 | City           | Tons of Waste Managed |
|-------|--------------|---|----------------|-----------------------|
| 1     | VTD002084705 | IBM CORPORATION                           | ESSEX JUNCTION | 364,065               |
| 2     | VTD001086529 | C E BRADLEY LABORATORIES INC              | BRATTLEBORO    | 92                    |
| 3     | VTD064436074 | WEIDMANN ELECTRICAL TECHNOLOGY            | ST. JOHNSBURY  | 24                    |
| 4     | VTR000512020 | QUESTECH CORPORATION                      | RUTLAND        | 8                     |
| 5     | VTR000005223 | RUTLAND COUNTY SOLID WASTE DISTRICT TRANS | RUTLAND        | 5                     |
| 6     | VTD002085108 | GENERAL ELECTRIC COMPANY, PLANT 1         | RUTLAND        | 0                     |
| 7     | VTD001075894 | GENERAL ELECTRIC COMPANY, PLANT 2         | RUTLAND        | 0                     |
| Total |              |   |                | 364,194               |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## VERMONT

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 1                          | 0.0                       | 1                       | 14.3                        |
| INCINERATION                | 5                          | 0.0                       | 1                       | 14.3                        |
| OTHER TREATMENT             | 31                         | 0.0                       | 2                       | 28.6                        |
| SLUDGE TREATMENT            | 364,041                    | 100.0                     | 3                       | 42.9                        |
| SOLVENTS RECOVERY           | 116                        | 0.0                       | 2                       | 28.6                        |
|                             | 364,194                    | 100.0                     | 7                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SLUDGE TREATMENT            | 364,041                    | 100.0                     | 3                       | 42.9                        |
| SOLVENTS RECOVERY           | 116                        | 0.0                       | 2                       | 28.6                        |
| OTHER TREATMENT             | 31                         | 0.0                       | 2                       | 28.6                        |
| INCINERATION                | 5                          | 0.0                       | 1                       | 14.3                        |
| AQUEOUS INORGANIC TREATMENT | 1                          | 0.0                       | 1                       | 14.3                        |
|                             | 364,194                    | 100.0                     | 7                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SLUDGE TREATMENT            | 364,041                    | 100.0                     | 3                       | 42.9                        |
| SOLVENTS RECOVERY           | 116                        | 0.0                       | 2                       | 28.6                        |
| OTHER TREATMENT             | 31                         | 0.0                       | 2                       | 28.6                        |
| INCINERATION                | 5                          | 0.0                       | 1                       | 14.3                        |
| AQUEOUS INORGANIC TREATMENT | 1                          | 0.0                       | 1                       | 14.3                        |
|                             | 364,194                    | 100.0                     | 7                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D002, D001, F003, D006, D007, D008, D035, D005, D011, D018

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## VERMONT

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 48

16 Quantity of RCRA Hazardous Waste Shipped: 2,592

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank | EPA ID       | Site Name                                   | City             | Quantity Shipped<br>(Tons) |
|------|--------------|---|------------------|----------------------------|
| 1    | VTR000517052 | ENPRO SERVICES OF VERMONT, INC.             | WILLISTON        | 783                        |
| 2    | VTD002084705 | IBM CORPORATION                             | ESSEX JUNCTION   | 352                        |
| 3    | VTD002065597 | ENERGIZER BATTERY MANUFACTURING, INC        | BENNINGTON       | 315                        |
| 4    | VTD001075894 | GENERAL ELECTRIC COMPANY, PLANT 2           | RUTLAND          | 306                        |
| 5    | VTD000791699 | SAFETY-KLEEN SYSYEMS, INC                   | BARRE            | 121                        |
| 6    | VTD039697347 | VERMONT CASTINGS, A DIVISION OF MHSC        | BETHEL           | 67                         |
| 7    | VTD000636563 | UNIVERSITY OF VERMONT & STATE AGRICULTURA   | BURLINGTON       | 47                         |
| 8    | VTD002085108 | GENERAL ELECTRIC COMPANY, PLANT 1           | RUTLAND          | 41                         |
| 9    | VTD099682494 | MYLAN TECHNOLOGIES INC                      | ST. ALBANS       | 40                         |
| 10   | VTD060525151 | FLETCHER ALLEN HEALTH CARE. MCHV CAMPUS     | BURLINGTON       | 39                         |
| 11   | VTD002065654 | ENERGIZER BATTERY MANUFACTURING, INC.       | ST. ALBANS       | 38                         |
| 12   | VTD981065998 | G.S. PRECISION, INC                         | BRATTLEBORO      | 35                         |
| 13   | VTD001086529 | C E BRADLEY LABORATORIES INC                | BRATTLEBORO      | 33                         |
| 14   | VTR000508663 | VERMONT PRECISION TOOLS, INC.               | SWANTON          | 32                         |
| 15   | VTD001082841 | ETHAN ALLEN OPERATIONS, INC.                | ORLEANS          | 30                         |
| 16   | VTD002068070 | GOODRICH FUEL AND UTILITY SYSTEMS           | VERGENNES        | 29                         |
| 17   | VTR000516153 | TESTAMERICA                                 | SOUTH BURLINGTON | 27                         |
| 18   | VTD000509174 | VISHAY SPRAGUE DBA TANSITOR ELECTRONICS     | BENNINGTON       | 26                         |
| 19   | VTD000636449 | UNIVERSITY OF VERMONT & STATE AGRICULTURA   | BURLINGTON       | 24                         |
| 20   | VTD980670319 | VERMONT CIRCUITS, INC.                      | BRATTLEBORO      | 23                         |
| 21   | VTR000005223 | RUTLAND COUNTY SOLID WASTE DISTRICT TRANS   | RUTLAND          | 22                         |
| 22   | VTD020673299 | ISOVOLTA INC                                | RUTLAND          | 19                         |
| 23   | VTR000502252 | CHITTENDEN SOLID WASTE DISTRICT ENVIRONME   | SOUTH BURLINGTON | 18                         |
| 24   | VTR000512020 | QUESTECH CORPORATION                        | RUTLAND          | 15                         |
| 25   | VTD000649723 | CENTRAL VERMONT MOTORCYCLES                 | RUTLAND          | 14                         |
| 26   | VTR000518779 | REVISION MILITARY LTD                       | ESSEX JUNCTION   | 13                         |
| 27   | VTR000500157 | VILLANTI PRINTERS                           | MILTON           | 12                         |
| 28   | VTD064436074 | WEIDMANN ELECTRICAL TECHNOLOGY              | ST. JOHNSBURY    | 10                         |
| 29   | VTD982765869 | VT DEPT OF BGS WATERBURY MAINT SHOP         | WATERBURY        | 8                          |
| 30   | VTD000791871 | GLOBAL COMPANIES LLC - BURLINGTON (VT) TERM | BURLINGTON       | 7                          |
| 31   | VTD001079367 | PRECISION VALLEY FINISHING                  | SPRINGFIELD      | 7                          |
| 32   | VTD001080126 | KENNAMETAL INC                              | LYNDONVILLE      | 6                          |
| 33   | VTR000513747 | EARTH WASTE SYSTEMS                         | MIDDLEBURY       | 5                          |
| 34   | VTD982543225 | SD IRELAND CONCRETE CONSTRUCTION CORP       | WILLISTON        | 5                          |
| 35   | VTD982194193 | S B COLLINS INC                             | ST ALBANS        | 4                          |
| 36   | VT6572824294 | VERMONT AIR NATIONAL GUARD                  | SOUTH BURLINGTON | 3                          |
| 37   | VTD069911873 | TIVOLY INC                                  | DERBY            | 2                          |
| 38   | VTP000014025 | NEW ENGLAND POWER COMPANY                   | JACKSONVILLE     | 2                          |
| 39   | VTD020651675 | MIDDLEBURY COLLEGE                          | MIDDLEBURY       | 2                          |
| 40   | VTD037700465 | VERMONT AEROSPACE MANUFACTURING INC         | LYNDON           | 2                          |
| 41   | VTD045014602 | FIBERMARK NORTH AMERICA, INC.               | BRATTLEBORO      | 1                          |
| 42   | VTD085574978 | NORTHEASTERN VERMONT REGIONAL HOSPITAL      | ST JOHNSBURY     | 1                          |
| 43   | VTD988367355 | CVPS SYSTEMS BLDG. & RUTLAND SERVICE CENTI  | RUTLAND          | 1                          |
| 44   | VTD007939614 | CENTRAL VERMONT PUBLIC SERVICE CORP TSDF    | RUTLAND          | 1                          |
| 45   | VTD988375283 | RA LAROSA ENVIRONMENTAL LABORATORY          | WATERBURY        | 1                          |
| 46   | VTR000013011 | SB COLLINS INC IRASBURG GENERAL STORE       | IRASBURG         | 1                          |
| 47   | VTR000012443 | S B COLLINS INC TAFTS CORNER MOBIL          | WILLISTON        | 1                          |
| 48   | VTD043783992 | VERMONT RAILWAY                             | BURLINGTON       | 0                          |

Total

2,592

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**VERMONT**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 5

**19** Quantity of RCRA Hazardous Waste Received: 1,511 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City             | Quantity Received<br>(Tons) |
|--------------|--------------|--|------------------|-----------------------------|
| 1            | VTR000517052 | ENPRO SERVICES OF VERMONT, INC.              | WILLISTON        | 1,383                       |
| 2            | VTD000791699 | SAFETY-KLEEN SYSYEMS, INC                    | BARRE            | 78                          |
| 3            | VTD000636563 | UNIVERSITY OF VERMONT & STATE AGRICULTURAL C | BURLINGTON       | 27                          |
| 4            | VTR000502252 | CHITTENDEN SOLID WASTE DISTRICT ENVIRONMENT. | SOUTH BURLINGTON | 18                          |
| 5            | VTR000005223 | RUTLAND COUNTY SOLID WASTE DISTRICT TRANSFE  | RUTLAND          | 5                           |
| <b>Total</b> |              |  |                  | <b>1,511</b>                |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## VERMONT

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION            | 5                          | 0.4                       | 1                       | 20.0                        |
| STORAGE AND/OR TRANSFER | 1,506                      | 99.6                      | 5                       | 100.0                       |
|                         | 1,511                      | 100.0                     | 5                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 1,506                      | 99.6                      | 5                       | 100.0                       |
| INCINERATION            | 5                          | 0.4                       | 1                       | 20.0                        |
|                         | 1,511                      | 100.0                     | 5                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 1,506                      | 99.6                      | 5                       | 100.0                       |
| INCINERATION            | 5                          | 0.4                       | 1                       | 20.0                        |
|                         | 1,511                      | 100.0                     | 5                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**VERMONT**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 2,436 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 1,020 Tons

**26 Vermont Interstate Shipment / Receipts (As reported by Vermont):**

The State to which Vermont shipped the largest quantity of waste was New Jersey (581 tons).

The State that shipped the largest quantity of waste to Vermont was Massachusetts (434 tons).

## VIRGIN ISLANDS

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 2

2 Quantity of RCRA Hazardous Waste Generated: 1,251 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank  | EPA ID       | Site Name                          | City          | Total Generated<br>(Tons) |
|-------|--------------|------------------------------------|---------------|---------------------------|
| 1     | VID980536080 | HOVENSA LLC                        | CHRISTIANSTED | 1,240                     |
| 2     | VIR000000042 | TOTAL PETROLEUM ST THOMAS TERMINAL | ST THOMAS     | 11                        |
| Total |              |                                    |               | 1,251                     |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## VIRGIN ISLANDS

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 0                       | ONLY AN F CODE                | 44                      |  |                         |
| ONLY CORROSIVE                        | 2                       | ONLY A K CODE                 | 0                       |  |                         |
| ONLY REACTIVE                         | 0                       | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 96                      | ONLY A U CODE                 | 25                      |  |                         |
| ONLY D018-43                          | 272                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 11                      | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>382</b>              | <b>TOTAL</b>                  | <b>69</b>               | <b>Both Characteristic and Listed</b>          | <b>800</b>              |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 11                      |   |                         | IGN. W/ AT LEAST 1 LSTD              | 505                     |
| HAS CORROSIVE CODE  | 0                       |   |                         | CORR. W/ AT LEAST 1 LSTD             | 0                       |
| HAS REACTIVE CODE   | 0                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 0                       |
| HAS D004-D017 CODE  | 0                       |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 0                       |
| HAS D018-D043 CODE  | 11                      |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 295                     |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 327                     |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 768                     |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 0                       |
| <b>TOTAL</b>  | <b>11</b>               | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>800</b>              |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D018, D002, D009, F003, F005, F037, D008, F038, K049

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description   | Tons Generated |
|--------------|-------|---|----------------|
| 1            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING             | 1,240          |
| 2            | 4247  | PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS | 11             |
| <b>Total</b> |       |   | <b>1,251</b>   |

## VIRGIN ISLANDS

### 2011 WASTE MANAGEMENT

Tables 8, 9, and 10 have been omitted from this report because there were no facilities in the Virgin Islands that reported managing RCRA hazardous waste in 2011.

**VIRGIN ISLANDS**

**2011 WASTE MANAGEMENT, CONTINUED**

Tables 11, 12, 13, and 14 have been omitted from this report because there were no facilities in the Virgin Islands that reported managing RCRA hazardous waste in 2011.

## VIRGIN ISLANDS

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 2

16 Quantity of RCRA Hazardous Waste Shipped: 1,325

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                          | City          | Quantity Shipped<br>(Tons) |
|-------|--------------|------------------------------------|---------------|----------------------------|
| 1     | VID980536080 | HOVENSA LLC                        | CHRISTIANSTED | 1,313                      |
| 2     | VIR000000042 | TOTAL PETROLEUM ST THOMAS TERMINAL | ST THOMAS     | 11                         |
| Total |              |                                    |               | 1,325                      |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**VIRGIN ISLANDS**

**2011 WASTE RECEIPTS**

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the Virgin Islands that reported receiving RCRA hazardous waste in 2011.

**VIRGIN ISLANDS**

**2011 WASTE RECEIPTS, CONTINUED**

Tables 21, 22, and 23 have been omitted from this report because there were no facilities in the Virgin Islands that reported receiving RCRA hazardous waste in 2011.

**VIRGIN ISLANDS**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 1,325 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 0 Tons

**26 Virgin Islands Interstate Shipment / Receipts (As reported by Virgin Islands):**

The State to which Virgin Islands shipped the largest quantity of waste was Texas (864 tons).

No States shipped waste to Virgin Islands.

## VIRGINIA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 390

2 Quantity of RCRA Hazardous Waste Generated: 74,803 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City             | Total Generated<br>(Tons) |
|--------------|--------------|--|------------------|---------------------------|
| 1            | VAR000502617 | ARKEMA INCORPORATED                          | COURTLAND        | 7,763                     |
| 2            | VAD050990357 | WESTERN REFINING YORKTOWN, INC               | YORKTOWN         | 7,607                     |
| 3            | VAR000013292 | CHAPARRAL (VIRGINIA) INC.                    | PETERSBURG       | 7,199                     |
| 4            | VAD003122553 | STEEL DYNAMICS ROANOKE BAR DIVISION          | ROANOKE          | 7,134                     |
| 5            | VAD001807031 | FORMER CORNING DANVILLE PLANT                | DANVILLE         | 4,186                     |
| 6            | VAD980554539 | DUPONT FRONT ROYAL                           | FRONT ROYAL      | 4,184                     |
| 7            | VAD093561652 | BOEHRINGER INGELHEIM CHEMICALS, INC.         | PETERSBURG       | 3,575                     |
| 8            | VAD001705110 | MERCK SHARP & DOHME CORP. - STONEWALL PLAN   | ELKTON           | 3,118                     |
| 9            | VAD065385296 | HONEYWELL INTERNATIONAL INC.                 | HOPEWELL         | 2,152                     |
| 10           | VAD055046049 | CCP COMPOSITES US                            | CHATHAM          | 1,748                     |
| 11           | VAD001307495 | HUNTINGTON INGALLS INCORPORATED              | NEWPORT NEWS     | 1,642                     |
| 12           | VAD988170684 | DANCHEM TECHNOLOGIES, INC.                   | DANVILLE         | 1,281                     |
| 13           | VAD083059311 | SOUTH ATLANTIC GALVANIZING                   | ASHLAND          | 1,266                     |
| 14           | VA1210020730 | RADFORD ARMY AMMUNITION PLANT                | RADFORD          | 1,171                     |
| 15           | VAD066003161 | VOLVO TRUCKS NORTH AMERICA-NRV PLANT         | DUBLIN           | 1,132                     |
| 16           | VAD076670959 | BASF CORPERATION                             | SUFFOLK          | 1,026                     |
| 17           | VAR000004978 | MICRON TECHNOLOGY, INC                       | MANASSAS         | 991                       |
| 18           | VA6170061463 | NAVAL STATION NORFOLK                        | NORFOLK          | 865                       |
| 19           | VAR000004481 | SARTOMER USA, LLC                            | CHATHAM          | 821                       |
| 20           | VAR000515460 | CARLYLE BLOCK "O"                            | ALEXANDRIA       | 753                       |
| 21           | VAD009305137 | DUPONT SPRUANCE PLANT                        | RICHMOND         | 724                       |
| 22           | VAD010070043 | HOWMET CASTINGS & SERVICES, INC              | HAMPTON          | 696                       |
| 23           | VAR000004887 | GEORGIA-PACIFIC WOOD PRODUCTS, LLC           | GLADYS           | 559                       |
| 24           | VAD003122165 | ASHLAND INC.                                 | COURTLAND        | 458                       |
| 25           | VAR000502484 | AZZ GALVANIZING BRISTOL                      | BRISTOL          | 422                       |
| 26           | VAR000010215 | INDUSTRIAL GALVANIZERS VIRGINIA              | PETERSBURG       | 417                       |
| 27           | VAD000019828 | AKZO NOBEL COATINGS INC.                     | ROANOKE          | 337                       |
| 28           | VAD988221743 | QUEST DIAGNOSTICS NICHOLS INSTITUTE          | CHANTILLY        | 329                       |
| 29           | VAD982567224 | BARR LABORATORIES, INC.                      | FOREST           | 307                       |
| 30           | VA3971520751 | DEFENSE SUPPLY CENTER RICHMOND               | RICHMOND         | 305                       |
| 31           | VAD000019620 | PHILLIPS ELECTRONICS- THE GENIE COMPANY SITE | SHENANDOAH       | 283                       |
| 32           | VAR000506972 | MARINE SPECIALTY PAINTING                    | CHESAPEAKE       | 270                       |
| 33           | VAR000008433 | COMMONWEALTH LAMINATING AND COATING, INC.    | MARTINSVILLE     | 268                       |
| 34           | VAD000619767 | YORKTOWN POWER STATION                       | YORKTOWN         | 264                       |
| 35           | VAD066008780 | CPFILMS INC, PLANT 2                         | FIELDALE         | 258                       |
| 36           | VAR000507194 | INVISTA S.A R.L. WAYNESBORO                  | WAYNESBORO       | 247                       |
| 37           | VAD982362428 | CANON VIRGINIA, INCORPORATED                 | NEWPORT NEWS     | 227                       |
| 38           | VA5170027267 | NAVAL SUPPORT ACTIVITY HAMPTON ROADS , NOR   | CHESAPEAKE       | 218                       |
| 39           | VAD981040348 | LEE CENTER PROPERTY                          | ARLINGTON        | 206                       |
| 40           | VA2170024606 | NAVAL AIR STATION OCEANA                     | VIRGINIA BEACH   | 206                       |
| 41           | VAD988223574 | COYNE TEXTILE SERVICES                       | COLONIAL HEIGHTS | 204                       |
| 42           | VAR000001677 | WOLVERINE ADVANCED MATERIALS                 | BLACKSBURG       | 186                       |
| 43           | VAD980719611 | PRINTPACK, INC                               | FREDERICKSBURG   | 179                       |
| 44           | VAD000737346 | SAFETY-KLEEN SYSTEMS, INC                    | CHESAPEAKE       | 163                       |
| 45           | VAD105838874 | KMX CHEMICAL CORP.                           | NEW CHURCH       | 161                       |
| 46           | VAD988207148 | PRE CON, INC.                                | PETERSBURG       | 159                       |
| 47           | VAD005007679 | CELANESE ACETATE                             | NARROWS          | 154                       |
| 48           | VAD981043011 | SAFETY-KLEEN SYSTEMS, INC                    | CHESTER          | 152                       |
| 49           | VA1170024813 | NORFOLK NAVAL SHIPYARD                       | PORTSMOUTH       | 143                       |
| 50           | VAD988225504 | SHOREWOOD PACKAGING LLC                      | DANVILLE         | 134                       |
| <b>Total</b> |              |  |                  | <b>68,254</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## VIRGINIA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 5,312                   | ONLY AN F CODE                | 1,116                   |  |                         |
| ONLY CORROSIVE                        | 9,119                   | ONLY A K CODE                 | 14,799                  |  |                         |
| ONLY REACTIVE                         | 90                      | ONLY A P CODE                 | 162                     |  |                         |
| ONLY D004-17                          | 8,075                   | ONLY A U CODE                 | 41                      |  |                         |
| ONLY D018-43                          | 258                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 10,776                  | HAS MORE THAN ONE LISTED CODE | 379                     |  |                         |
| <b>TOTAL</b>                          | <b>33,628</b>           | <b>TOTAL</b>                  | <b>16,497</b>           | <b>Both Characteristic and Listed</b>          | <b>24,663</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 7,622                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 16,955                  |
| HAS CORROSIVE CODE  | 5,969                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 3,066                   |
| HAS REACTIVE CODE   | 1,041                   |   |                         | REACT. W/ AT LEAST 1 LSTD            | 206                     |
| HAS D004-D017 CODE  | 4,586                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 5,572                   |
| HAS D018-D043 CODE  | 6,476                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 18,480                  |
|   |                         | HAS AN F CODE                           | 379                     | F WASTE W/ AT LEAST 1 CHAR           | 24,258                  |
|   |                         | HAS A K CODE                            | 379                     | K WASTE W/ AT LEAST 1 CHAR           | 2,017                   |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 91                      |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 219                     |
| <b>TOTAL</b>  | <b>10,776</b>           | <b>TOTAL</b>                            | <b>379</b>              | <b>TOTAL</b>                         | <b>24,663</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D008, D007, F003, D035, F005, D011, D009, D005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 14,333         |
| 2            | 3251  | BASIC CHEMICAL MANUFACTURING   | 12,974         |
| 3            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 7,955          |
| 4            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                                | 7,607          |
| 5            | 3254  | PHARMACEUTICAL AND MEDICINE MANUFACTURING                                | 7,034          |
| 6            | 4931  | WAREHOUSING AND STORAGE  | 4,204          |
| 7            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 2,415          |
| 8            | 3366  | SHIP AND BOAT BUILDING   | 2,217          |
| 9            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                              | 1,721          |
| 10           | 3344  | SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING               | 1,241          |
| <b>Total</b> |       |  | <b>61,702</b>  |

## VIRGINIA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 53

9 Quantity of RCRA Hazardous Waste Managed: 3,489 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                           | City             | Tons of Waste Managed |
|--------------|--------------|-------------------------------------|------------------|-----------------------|
| 1            | VAD065385296 | HONEYWELL INTERNATIONAL INC.        | HOPEWELL         | 1,932                 |
| 2            | VA1210020730 | RADFORD ARMY AMMUNITION PLANT       | RADFORD          | 862                   |
| 3            | VAD076670959 | BASF CORPERATION                    | SUFFOLK          | 499                   |
| 4            | VAD093559300 | MASCO CABINETRY LLC                 | ATKINS           | 39                    |
| 5            | VAD082878786 | ROSLYN CONVERTERS, INC.             | COLONIAL HEIGHTS | 21                    |
| 6            | VAD005007679 | CELANESE ACETATE                    | NARROWS          | 15                    |
| 7            | VAR000512350 | TECTON PRODUCTS, LLC                | SALEM            | 15                    |
| 8            | VAD988171351 | MASCO CABINETRY, LLC - AKA MERILLAT | CULPEPER         | 10                    |
| 9            | VAD981112618 | AEROJET CORPORATION                 | RHOADESVILLE     | 9                     |
| 10           | VAD000820712 | THE UNIVERSITY OF VIRGINIA          | CHARLOTTESVILLE  | 8                     |
| 11           | VAP612201168 | PERDUE AGRIBUSINESS                 | CHESAPEAKE       | 7                     |
| 12           | VA7170024684 | US NAVY DAHLGREN                    | DAHLGREN         | 7                     |
| 13           | VAD981106222 | MASCO BUILDER CABINET GROUP         | MOUNT JACKSON    | 6                     |
| 14           | VAR000514794 | TARGET STORE #T2308                 | BRISTOL          | 4                     |
| 15           | VAR000511386 | TARGET STORE #T1088                 | RESTON           | 3                     |
| 16           | VAR000511659 | TARGET STORE #T2017                 | DUMFRIES         | 3                     |
| 17           | VAR000515601 | TARGET STORE #T2323                 | MANASSAS         | 3                     |
| 18           | VAR000511147 | TARGET STORE #T0759                 | WOODBIDGE        | 2                     |
| 19           | VAR000511600 | TARGET STORE #T1873                 | GAINESVILLE      | 2                     |
| 20           | VAR000511378 | TARGET STORE #T1076                 | ALEXANDRIA       | 2                     |
| 21           | VAR000511618 | TARGET STORE #T1874                 | LEESBURG         | 2                     |
| 22           | VAR000511493 | TARGET STORE #T1341                 | FAIRFAX          | 2                     |
| 23           | VAR000511626 | TARGET STORE #T1893                 | FALLS CHURCH     | 2                     |
| 24           | VAR000511436 | TARGET STORE #T1161                 | WILLIAMSBURG     | 2                     |
| 25           | VAR000511170 | TARGET STORE #T1005                 | FAIRFAX          | 2                     |
| 26           | VAR000511477 | TARGET STORE #T1275                 | LYNCHBURG        | 2                     |
| 27           | VAR000511527 | TARGET STORE #T1431                 | FALLS CHURCH     | 2                     |
| 28           | VAR000514786 | TARGET STORE #T2272                 | STERLING         | 2                     |
| 29           | VAR000511295 | TARGET STORE #T1019                 | GLEN ALLEN       | 1                     |
| 30           | VAR000511550 | TARGET STORE #T1827                 | CHANTILLY        | 1                     |
| 31           | VAR000509331 | MASCO CABINETRY LLC                 | ATKINS           | 1                     |
| 32           | VAR000511188 | TARGET STORE #T1009                 | STERLING         | 1                     |
| 33           | VAR000513523 | TARGET STORE #T2203                 | CHESAPEAKE       | 1                     |
| 34           | VAR000511535 | TARGET STORE #T1533                 | ALEXANDRIA       | 1                     |
| 35           | VAR000512244 | TARGET STORE #T2138                 | FREDERICKSBURG   | 1                     |
| 36           | VAR000511329 | TARGET STORE #T1041                 | RICHMOND         | 1                     |
| 37           | VAR000511501 | TARGET STORE #T1416                 | SPRINGFIELD      | 1                     |
| 38           | VAR000514760 | TARGET STORE #T2297                 | FRONT ROYAL      | 1                     |
| 39           | VAR000516112 | TARGET STORE #T2407                 | DANVILLE         | 1                     |
| 40           | VAR000517144 | TARGET STORE #T2478                 | MIDLOTHIAN       | 1                     |
| 41           | VAR000511402 | TARGET STORE #T1103                 | NEWPORT NEWS     | 1                     |
| 42           | VAR000511162 | TARGET STORE #T0772                 | FREDERICKSBURG   | 1                     |
| 43           | VAR000515296 | TARGET STORE #T2294                 | WAYNESBORO       | 1                     |
| 44           | VAR000511345 | TARGET STORE #T1047                 | VIRGINIA BEACH   | 1                     |
| 45           | VAR000511428 | TARGET STORE #T1105                 | VIRGINIA BEACH   | 1                     |
| 46           | VAR000516096 | TARGET STORE #T2296                 | WILLIAMSBURG     | 1                     |
| 47           | VAR000515718 | TARGET STORE #T2396                 | VIRGINIA BEACH   | 1                     |
| 48           | VAR000511584 | TARGET STORE #T1858                 | CHARLOTTESVILLE  | 1                     |
| 49           | VAR000516104 | TARGET STORE #T2379                 | WINCHESTER       | 1                     |
| 50           | VAR000517771 | TARGET STORE #T2501                 | HAMPTON          | 1                     |
| <b>Total</b> |              |                                     |                  | <b>3,488</b>          |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## VIRGINIA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION      | 2,578                      | 73.9                      | 2                       | 3.8                         |
| METALS RECOVERY   | 4                          | 0.1                       | 1                       | 1.9                         |
| OTHER DISPOSAL    | 57                         | 1.6                       | 39                      | 73.6                        |
| OTHER TREATMENT   | 254                        | 7.3                       | 5                       | 9.4                         |
| SOLVENTS RECOVERY | 596                        | 17.1                      | 8                       | 15.1                        |
|                   | 3,489                      | 100.0                     | 53                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| INCINERATION      | 2,578                      | 73.9                      | 2                       | 3.8                         |
| SOLVENTS RECOVERY | 596                        | 17.1                      | 8                       | 15.1                        |
| OTHER TREATMENT   | 254                        | 7.3                       | 5                       | 9.4                         |
| OTHER DISPOSAL    | 57                         | 1.6                       | 39                      | 73.6                        |
| METALS RECOVERY   | 4                          | 0.1                       | 1                       | 1.9                         |
|                   | 3,489                      | 100.0                     | 53                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER DISPOSAL    | 57                         | 1.6                       | 39                      | 73.6                        |
| SOLVENTS RECOVERY | 596                        | 17.1                      | 8                       | 15.1                        |
| OTHER TREATMENT   | 254                        | 7.3                       | 5                       | 9.4                         |
| INCINERATION      | 2,578                      | 73.9                      | 2                       | 3.8                         |
| METALS RECOVERY   | 4                          | 0.1                       | 1                       | 1.9                         |
|                   | 3,489                      | 100.0                     | 53                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D011, D001, D003, D035, F003, F005, D005, D008, D030, D002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## VIRGINIA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 380

16 Quantity of RCRA Hazardous Waste Shipped: 71,565

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City             | Quantity Shipped<br>(Tons) |
|--------------|--------------|---|------------------|----------------------------|
| 1            | VAR000502617 | ARKEMA INCORPORATED                         | COURTLAND        | 7,763                      |
| 2            | VAD050990357 | WESTERN REFINING YORKTOWN, INC              | YORKTOWN         | 7,607                      |
| 3            | VAR000013292 | CHAPARRAL (VIRGINIA) INC.                   | PETERSBURG       | 7,199                      |
| 4            | VAD003122553 | STEEL DYNAMICS ROANOKE BAR DIVISION         | ROANOKE          | 7,134                      |
| 5            | VAD001807031 | FORMER CORNING DANVILLE PLANT               | DANVILLE         | 4,186                      |
| 6            | VAD980554539 | DUPONT FRONT ROYAL                          | FRONT ROYAL      | 4,183                      |
| 7            | VAD093561652 | BOEHRINGER INGELHEIM CHEMICALS, INC.        | PETERSBURG       | 3,575                      |
| 8            | VAD001705110 | MERCK SHARP & DOHME CORP. - STONEWALL PLA   | ELKTON           | 3,041                      |
| 9            | VAD055046049 | CCP COMPOSITES US                           | CHATHAM          | 1,748                      |
| 10           | VAD001307495 | HUNTINGTON INGALLS INCORPORATED             | NEWPORT NEWS     | 1,642                      |
| 11           | VAD988170684 | DANCHEM TECHNOLOGIES, INC.                  | DANVILLE         | 1,286                      |
| 12           | VAD083059311 | SOUTH ATLANTIC GALVANIZING                  | ASHLAND          | 1,266                      |
| 13           | VAD066003161 | VOLVO TRUCKS NORTH AMERICA-NRV PLANT        | DUBLIN           | 1,132                      |
| 14           | VAR000004978 | MICRON TECHNOLOGY, INC                      | MANASSAS         | 1,016                      |
| 15           | VA6170061463 | NAVAL STATION NORFOLK                       | NORFOLK          | 865                        |
| 16           | VAR000004481 | SARTOMER USA, LLC                           | CHATHAM          | 821                        |
| 17           | VAR000515460 | CARLYLE BLOCK "O"                           | ALEXANDRIA       | 753                        |
| 18           | VAD009305137 | DUPONT SPRUANCE PLANT                       | RICHMOND         | 724                        |
| 19           | VAD010070043 | HOWMET CASTINGS & SERVICES, INC             | HAMPTON          | 696                        |
| 20           | VAR000004887 | GEORGIA-PACIFIC WOOD PRODUCTS, LLC          | GLADYS           | 559                        |
| 21           | VAD076670959 | BASF CORPERATION                            | SUFFOLK          | 527                        |
| 22           | VAD003122165 | ASHLAND INC.                                | COURTLAND        | 458                        |
| 23           | VAR000502484 | AZZ GALVANIZING BRISTOL                     | BRISTOL          | 422                        |
| 24           | VAR000010215 | INDUSTRIAL GALVANIZERS VIRGINIA             | PETERSBURG       | 417                        |
| 25           | VAD981043011 | SAFETY-KLEEN SYSTEMS, INC                   | CHESTER          | 346                        |
| 26           | VAD000019828 | AKZO NOBEL COATINGS INC.                    | ROANOKE          | 337                        |
| 27           | VAD988221743 | QUEST DIAGNOSTICS NICHOLS INSTITUTE         | CHANTILLY        | 329                        |
| 28           | VA1210020730 | RADFORD ARMY AMMUNITION PLANT               | RADFORD          | 308                        |
| 29           | VAD982567224 | BARR LABORATORIES, INC.                     | FOREST           | 307                        |
| 30           | VA3971520751 | DEFENSE SUPPLY CENTER RICHMOND              | RICHMOND         | 305                        |
| 31           | VAD000737346 | SAFETY-KLEEN SYSTEMS, INC                   | CHESAPEAKE       | 284                        |
| 32           | VAD000019620 | PHILLIPS ELECTRONICS- THE GENIE COMPANY SIT | SHENANDOAH       | 283                        |
| 33           | VAD000737361 | SAFETY-KLEEN SYSTEMS, INC                   | VINTON           | 279                        |
| 34           | VAR000008433 | COMMONWEALTH LAMINATING AND COATING, INC.   | MARTINSVILLE     | 268                        |
| 35           | VAR000506972 | MARINE SPECIALTY PAINTING                   | CHESAPEAKE       | 265                        |
| 36           | VAD000619767 | YORKTOWN POWER STATION                      | YORKTOWN         | 264                        |
| 37           | VAD066008780 | CPFILMS INC, PLANT 2                        | FIELDALE         | 258                        |
| 38           | VAR000507194 | INVISTA S.A R.L. WAYNESBORO                 | WAYNESBORO       | 247                        |
| 39           | VAD982362428 | CANON VIRGINIA, INCORPORATED                | NEWPORT NEWS     | 227                        |
| 40           | VAD065385296 | HONEYWELL INTERNATIONAL INC.                | HOPEWELL         | 220                        |
| 41           | VA5170027267 | NAVAL SUPPORT ACTIVITY HAMPTON ROADS , NO   | CHESAPEAKE       | 218                        |
| 42           | VAD981040348 | LEE CENTER PROPERTY                         | ARLINGTON        | 206                        |
| 43           | VA2170024606 | NAVAL AIR STATION OCEANA                    | VIRGINIA BEACH   | 206                        |
| 44           | VAD988223574 | COYNE TEXTILE SERVICES                      | COLONIAL HEIGHTS | 204                        |
| 45           | VAR000001677 | WOLVERINE ADVANCED MATERIALS                | BLACKSBURG       | 186                        |
| 46           | VAD980719611 | PRINTPACK, INC                              | FREDERICKSBURG   | 179                        |
| 47           | VAD105838874 | KMX CHEMICAL CORP.                          | NEW CHURCH       | 161                        |
| 48           | VAD988207148 | PRE CON, INC.                               | PETERSBURG       | 159                        |
| 49           | VA1170024813 | NORFOLK NAVAL SHIPYARD                      | PORTSMOUTH       | 143                        |
| 50           | VAD005007679 | CELANESE ACETATE                            | NARROWS          | 139                        |
| <b>Total</b> |              |   |                  | <b>65,352</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**VIRGINIA**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 5

**19** Quantity of RCRA Hazardous Waste Received: 535 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                 | City       | Quantity Received<br>(Tons) |
|--------------|--------------|---------------------------|------------|-----------------------------|
| 1            | VAD981043011 | SAFETY-KLEEN SYSTEMS, INC | CHESTER    | 209                         |
| 2            | VAD000737361 | SAFETY-KLEEN SYSTEMS, INC | VINTON     | 144                         |
| 3            | VAD000737346 | SAFETY-KLEEN SYSTEMS, INC | CHESAPEAKE | 130                         |
| 4            | VA6170061463 | NAVAL STATION NORFOLK     | NORFOLK    | 52                          |
| 5            | VA1170024813 | NORFOLK NAVAL SHIPYARD    | PORTSMOUTH | 0                           |
| <b>Total</b> |              |                           |            | <b>535</b>                  |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## VIRGINIA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 535                        | 100.0                     | 5                       | 100.0                       |
|                         | 535                        | 100.0                     | 5                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 535                        | 100.0                     | 5                       | 100.0                       |
|                         | 535                        | 100.0                     | 5                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER | 535                        | 100.0                     | 5                       | 100.0                       |
|                         | 535                        | 100.0                     | 5                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

**VIRGINIA**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 71,316 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 21 Tons

**26 Virginia Interstate Shipment / Receipts (As reported by Virginia):**

The State to which Virginia shipped the largest quantity of waste was New Jersey (18,119 tons).

The State that shipped the largest quantity of waste to Virginia was North Carolina (19 tons).

## WASHINGTON

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 413

2 Quantity of RCRA Hazardous Waste Generated: 333,960 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID        | Site Name                              | City              | Total Generated<br>(Tons) |
|--------------|---------------|--|-------------------|---------------------------|
| 1            | WA7890008967  | US DEPT OF ENERGY HANFORD FACILITY     | RICHLAND          | 249,979                   |
| 2            | WAD988487583  | NUCOR STEEL SEATTLE INC                | SEATTLE           | 13,019                    |
| 3            | WAR000007708  | CHEMI CON MATERIALS CORP               | MOSES LAKE        | 11,195                    |
| 4            | WAD009270794  | ALCOA INC WENATCHEE WORKS              | MALAGA            | 5,037                     |
| 5            | WAD009488131  | INTALCO ALUMINUM CORP FERNDALE         | FERNDALE          | 4,182                     |
| 6            | WAD981769110  | EMERALD SERVICES INC ALEXANDER AVE     | TACOMA            | 3,655                     |
| 7            | WAD020257945  | BURLINGTON ENVIRONMENTAL LLC TACOMA    | TACOMA            | 2,818                     |
| 8            | WAD041585464  | BOEING EVERETT                         | EVERETT           | 2,422                     |
| 9            | WA2170023418  | US NAVY PSNS & IMF                     | BREMERTON         | 2,249                     |
| 10           | WAD027530526  | KRONOS MICRONUTRIENTS LP               | MOXEE             | 2,002                     |
| 11           | WAD009252891  | SSA TACOMA, INC                        | TACOMA            | 1,990                     |
| 12           | WAD058367152  | EMERALD SERVICES INC AIRPORT WAY       | SEATTLE           | 1,866                     |
| 13           | WAD092899574  | EMERALD KALAMA CHEMICAL LLC            | KALAMA            | 1,614                     |
| 14           | WAD041337130  | BOEING COMPANY AUBURN                  | AUBURN            | 1,610                     |
| 15           | WAD988482592  | BOEING COMPANY FREDERICKSON            | PUYALLUP          | 1,492                     |
| 16           | WAH000036320  | SUPERLON PLASTICS CO INC               | TACOMA            | 1,479                     |
| 17           | WAH000038112  | AVIATION TECHNICAL SVCS HANGAR 1 & 3   | EVERETT           | 1,303                     |
| 18           | WAD009256819  | BOEING PLANT 2                         | SEATTLE           | 1,210                     |
| 19           | WAR000010355  | PERMA FIX NORTHWEST RICHLAND INC       | RICHLAND          | 1,184                     |
| 20           | WAD990828642  | COLUMBIA GORGE ALUMINUM                | GOLDENDALE        | 1,121                     |
| 21           | WAD991281767  | BURLINGTON ENVIRONMENTAL LLC KENT      | KENT              | 1,102                     |
| 22           | WAD144414026  | MOSES LAKE INDUSTRIES INC              | MOSES LAKE        | 1,082                     |
| 23           | WAH0000031432 | US WAX & POLYMER INC                   | SPOKANE           | 1,065                     |
| 24           | WAD981773849  | US EPA TIME OIL TMT SYSTEM 12A         | TACOMA            | 1,038                     |
| 25           | WAH0000026291 | SOUND TRANSIT TACOMA                   | TACOMA            | 868                       |
| 26           | WA00000072991 | PACIFIC AEROSPACE & ELECTRONICS INC.   | WENATCHEE         | 749                       |
| 27           | WAD009276197  | SHELL OPUS PUGET SOUND REFINERY        | ANACORTES         | 733                       |
| 28           | WAD069548154  | BP CHERRY POINT REFINERY               | BLAINE            | 704                       |
| 29           | WAH0000036026 | SCOTT PAPER MILL                       | ANACORTES         | 692                       |
| 30           | WAH0000034368 | SECOND & BELL BUILDING LLC             | SEATTLE           | 602                       |
| 31           | WAD009262171  | BOEING RENTON                          | RENTON            | 599                       |
| 32           | WAD988522603  | TORAY COMPOSITES AMERICA               | TACOMA            | 548                       |
| 33           | WAH0000007724 | SKILLS INC                             | AUBURN            | 453                       |
| 34           | WAD009248295  | WYCKOFF EAGLE HARBOR SUPERFUND SITE    | BAINBRIDGE ISLAND | 397                       |
| 35           | WA9214053465  | US ARMY HQ I CORPS & FORT LEWIS        | FT LEWIS          | 384                       |
| 36           | WAR0000008979 | BOEING 7-334 BLDG                      | EVERETT           | 374                       |
| 37           | WAD980982037  | BOEING NORTH BOEING FIELD              | SEATTLE           | 373                       |
| 38           | WAD009591207  | TOC HOLDINGS CO                        | SEATTLE           | 310                       |
| 39           | WAD980738652  | WA UW SEATTLE CAMPUS                   | SEATTLE           | 285                       |
| 40           | WAD000602813  | JORGENSEN FORGE CORP                   | SEATTLE           | 255                       |
| 41           | WAH0000000455 | STEELSCAPE INC                         | KALAMA            | 252                       |
| 42           | WAH0000039617 | WALMART REAL ESTATE BUSINESS TRUST     | SPOKANE VALLEY    | 250                       |
| 43           | WAD981762206  | IRIS HOLDING LLC                       | SEATTLE           | 250                       |
| 44           | WAD988466900  | HYTEK FINISHES CO KENT                 | KENT              | 241                       |
| 45           | WAD063341424  | PROTECTIVE COATINGS INC                | KENT              | 222                       |
| 46           | WAH0000006940 | GOODRICH CORPORATION CARBON PRODUCTS   | SPOKANE           | 210                       |
| 47           | WA5170027291  | NAVAL BASE KITSAP AT BANGOR            | SILVERDALE        | 201                       |
| 48           | WAD980738041  | TEREX WASHINGTON INC 76TH ST           | REDMOND           | 199                       |
| 49           | WAH0000039359 | PARSONS CONSTRUCTORS & FABRICATORS INC | PASCO             | 193                       |
| 50           | WAD009275082  | TESORO REFINING & MARKETING COMPANY    | ANACORTES         | 187                       |
| <b>Total</b> |               |  |                   | <b>326,243</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## WASHINGTON

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 940                     | ONLY AN F CODE                | 8,307                   |  |                         |
| ONLY CORROSIVE                        | 13,582                  | ONLY A K CODE                 | 27,860                  |  |                         |
| ONLY REACTIVE                         | 104                     | ONLY A P CODE                 | 16                      |  |                         |
| ONLY D004-17                          | 10,304                  | ONLY A U CODE                 | 145                     |  |                         |
| ONLY D018-43                          | 3,711                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 259,826                 | HAS MORE THAN ONE LISTED CODE | 828                     |  |                         |
| <b>TOTAL</b>                          | <b>288,468</b>          | <b>TOTAL</b>                  | <b>37,156</b>           | <b>Both Characteristic and Listed</b>          | <b>8,335</b>            |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 253,696                 |   |                         | IGN. W/ AT LEAST 1 LSTD              | 3,656                   |
| HAS CORROSIVE CODE  | 253,208                 |   |                         | CORR. W/ AT LEAST 1 LSTD             | 332                     |
| HAS REACTIVE CODE   | 164,277                 |   |                         | REACT. W/ AT LEAST 1 LSTD            | 155                     |
| HAS D004-D017 CODE  | 258,852                 |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 5,908                   |
| HAS D018-D043 CODE  | 2,859                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 2,384                   |
|   |                         | HAS AN F CODE                           | 828                     | F WASTE W/ AT LEAST 1 CHAR           | 8,069                   |
|   |                         | HAS A K CODE                            | 8                       | K WASTE W/ AT LEAST 1 CHAR           | 277                     |
|   |                         | HAS A P CODE                            | 3                       | P WASTE W/ AT LEAST 1 CHAR           | 20                      |
|   |                         | HAS A U CODE                            | 818                     | U WASTE W/ AT LEAST 1 CHAR           | 175                     |
| <b>TOTAL</b>  | <b>259,826</b>          | <b>TOTAL</b>                            | <b>828</b>              | <b>TOTAL</b>                         | <b>8,335</b>            |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D007, D008, F003, D006, D005, D035, F005, D003

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 5622  | WASTE TREATMENT AND DISPOSAL   | 260,750        |
| 2            | 3313  | ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING                       | 21,535         |
| 3            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                    | 13,019         |
| 4            | 3364  | AEROSPACE PRODUCT AND PARTS MANUFACTURING                            | 10,082         |
| 5            | 9281  | NATIONAL SECURITY AND INTERNATIONAL AFFAIRS                          | 3,170          |
| 6            | 3251  | BASIC CHEMICAL MANUFACTURING   | 2,915          |
| 7            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING | 2,004          |
| 8            | 5311  | LESSORS OF REAL ESTATE   | 2,000          |
| 9            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES             | 1,919          |
| 10           | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                            | 1,823          |
| <b>Total</b> |       |  | <b>319,217</b> |

## WASHINGTON

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 100

9 Quantity of RCRA Hazardous Waste Managed: 289,733 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                | City              | Tons of Waste Managed |
|--------------|--------------|--|-------------------|-----------------------|
| 1            | WA7890008967 | US DEPT OF ENERGY HANFORD FACILITY       | RICHLAND          | 251,787               |
| 2            | WAR000007708 | CHEMI CON MATERIALS CORP                 | MOSES LAKE        | 11,195                |
| 3            | WAD020257945 | BURLINGTON ENVIRONMENTAL LLC TACOMA      | TACOMA            | 6,141                 |
| 4            | WAD991281767 | BURLINGTON ENVIRONMENTAL LLC KENT        | KENT              | 4,614                 |
| 5            | WAD981769110 | EMERALD SERVICES INC ALEXANDER AVE       | TACOMA            | 2,992                 |
| 6            | WAD009488131 | INTALCO ALUMINUM CORP FERNDALE           | FERNDALE          | 2,956                 |
| 7            | WAD058367152 | EMERALD SERVICES INC AIRPORT WAY         | SEATTLE           | 1,651                 |
| 8            | WAD092899574 | EMERALD KALAMA CHEMICAL LLC              | KALAMA            | 1,562                 |
| 9            | WAH000038112 | AVIATION TECHNICAL SVCS HANGAR 1 & 3     | EVERETT           | 1,212                 |
| 10           | WAH000031432 | US WAX & POLYMER INC                     | SPOKANE           | 1,032                 |
| 11           | WAD144414026 | MOSES LAKE INDUSTRIES INC                | MOSES LAKE        | 1,016                 |
| 12           | WA0000072991 | PACIFIC AEROSPACE & ELECTRONICS INC.     | WENATCHEE         | 713                   |
| 13           | WAH000036026 | SCOTT PAPER MILL                         | ANACORTES         | 692                   |
| 14           | WAR000010355 | PERMA FIX NORTHWEST RICHLAND INC         | RICHLAND          | 574                   |
| 15           | WAR000008979 | BOEING 7-334 BLDG                        | EVERETT           | 316                   |
| 16           | WAD041337130 | BOEING COMPANY AUBURN                    | AUBURN            | 202                   |
| 17           | WAD980738041 | TEREX WASHINGTON INC 76TH ST             | REDMOND           | 149                   |
| 18           | WAH000016352 | ACCRA FAB INC APPLEWAY DR                | LIBERTY LAKE      | 130                   |
| 19           | WA0000097675 | METAL TECH                               | MONROE            | 123                   |
| 20           | WAD981763667 | RAINIER BALLISTICS LLC                   | TACOMA            | 90                    |
| 21           | WAD041920554 | ASKO PROCESSING INC                      | SEATTLE           | 83                    |
| 22           | WA5170027291 | NAVAL BASE KITSAP AT BANGOR              | SILVERDALE        | 48                    |
| 23           | WAD988472452 | COLUMBIA ANALYTICAL SERVICES INC KELSO   | KELSO             | 33                    |
| 24           | WAD098553381 | MULTI MANUFACTURING INC                  | YAKIMA            | 32                    |
| 25           | WAD079262028 | TEST AMERICA                             | RICHLAND          | 31                    |
| 26           | WAD980976906 | HALLMARK REFINING CORP                   | MOUNT VERNON      | 31                    |
| 27           | WAD041585464 | BOEING EVERETT                           | EVERETT           | 28                    |
| 28           | WAH000015016 | TEST AMERICA TACOMA                      | TACOMA            | 28                    |
| 29           | WAH000000281 | BROOKS RAND LLC                          | SEATTLE           | 20                    |
| 30           | WAH000024450 | MILGARD MANUFACTURING INC PULTRUSION DIV | TACOMA            | 19                    |
| 31           | WAH000025974 | LLOYD INDUSTRIES                         | SPOKANE           | 16                    |
| 32           | WAD079253134 | WA WWU MAIN CAMPUS                       | BELLINGHAM        | 12                    |
| 33           | WAD988482659 | MAGNETIC & PENETRANT SERVICES CO INC     | SEATTLE           | 11                    |
| 34           | WAH000026371 | ECOLIGHTS NORTHWEST                      | SEATTLE           | 10                    |
| 35           | WAD980978803 | AQUATIC CO                               | YELM              | 10                    |
| 36           | WAH000027361 | INCYTE PATHOLOGY P S                     | SPOKANE VALLEY    | 10                    |
| 37           | WAD009286881 | ACE GALVANIZING INC 96TH                 | SEATTLE           | 8                     |
| 38           | WAD982652208 | WA DOT EAGLE HARBOR REPAIR FACILITY      | BAINBRIDGE ISLAND | 8                     |
| 39           | WAD982657900 | TRIUMPH COMPOSITE SYSTEMS INC            | SPOKANE           | 8                     |
| 40           | WAD060030657 | AIM AEROSPACE                            | RENTON            | 7                     |
| 41           | WAD009488495 | RED DOT CORP                             | TUKWILA           | 7                     |
| 42           | WAD041485301 | WA WSU PULLMAN CAMP                      | PULLMAN           | 7                     |
| 43           | WAD052586542 | NUMATIC FINISHING                        | AUBURN            | 7                     |
| 44           | WAR000012427 | AMTECH LLC                               | WAPATO            | 7                     |
| 45           | WAH000024905 | SPECIALTY PRODUCTS INC                   | LAKEWOOD          | 6                     |
| 46           | WAD980980429 | PLIANT LLC                               | KENT              | 6                     |
| 47           | WAH000009084 | TEREX WASHINGTON INC MOSES LAKE          | MOSES LAKE        | 6                     |
| 48           | WAD009286857 | ERSHIGS INC                              | BELLINGHAM        | 5                     |
| 49           | WAD194613600 | NORTH PACIFIC INDUSTRIAL COATINGS LLC    | RENTON            | 5                     |
| 50           | WAD988493722 | NOVATION INC                             | SPOKANE           | 5                     |
| <b>Total</b> |              |  |                   | <b>289,663</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## WASHINGTON

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 5,602                      | 1.9                       | 11                      | 11.0                        |
| AQUEOUS ORGANIC TREATMENT    | 1,756                      | 0.6                       | 3                       | 3.0                         |
| ENERGY RECOVERY              | 1,562                      | 0.5                       | 1                       | 1.0                         |
| FUEL BLENDING                | 5,692                      | 2.0                       | 3                       | 3.0                         |
| LANDFILL/SURFACE IMPOUNDMENT | 5,640                      | 1.9                       | 2                       | 2.0                         |
| METALS RECOVERY              | 32                         | 0.0                       | 5                       | 5.0                         |
| OTHER DISPOSAL               | 205                        | 0.1                       | 3                       | 3.0                         |
| OTHER RECOVERY               | 13                         | 0.0                       | 3                       | 3.0                         |
| OTHER TREATMENT              | 263,889                    | 91.1                      | 51                      | 51.0                        |
| SLUDGE TREATMENT             | 36                         | 0.0                       | 3                       | 3.0                         |
| SOLVENTS RECOVERY            | 1,281                      | 0.4                       | 36                      | 36.0                        |
| STABILIZATION                | 4,026                      | 1.4                       | 9                       | 9.0                         |
|                              | 289,733                    | 100.0                     | 100                     |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT              | 263,889                    | 91.1                      | 51                      | 51.0                        |
| FUEL BLENDING                | 5,692                      | 2.0                       | 3                       | 3.0                         |
| LANDFILL/SURFACE IMPOUNDMENT | 5,640                      | 1.9                       | 2                       | 2.0                         |
| AQUEOUS INORGANIC TREATMENT  | 5,602                      | 1.9                       | 11                      | 11.0                        |
| STABILIZATION                | 4,026                      | 1.4                       | 9                       | 9.0                         |
| AQUEOUS ORGANIC TREATMENT    | 1,756                      | 0.6                       | 3                       | 3.0                         |
| ENERGY RECOVERY              | 1,562                      | 0.5                       | 1                       | 1.0                         |
| SOLVENTS RECOVERY            | 1,281                      | 0.4                       | 36                      | 36.0                        |
| OTHER DISPOSAL               | 205                        | 0.1                       | 3                       | 3.0                         |
| SLUDGE TREATMENT             | 36                         | 0.0                       | 3                       | 3.0                         |
| METALS RECOVERY              | 32                         | 0.0                       | 5                       | 5.0                         |
| OTHER RECOVERY               | 13                         | 0.0                       | 3                       | 3.0                         |
|                              | 289,733                    | 100.0                     | 100                     |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT              | 263,889                    | 91.1                      | 51                      | 51.0                        |
| SOLVENTS RECOVERY            | 1,281                      | 0.4                       | 36                      | 36.0                        |
| AQUEOUS INORGANIC TREATMENT  | 5,602                      | 1.9                       | 11                      | 11.0                        |
| STABILIZATION                | 4,026                      | 1.4                       | 9                       | 9.0                         |
| METALS RECOVERY              | 32                         | 0.0                       | 5                       | 5.0                         |
| FUEL BLENDING                | 5,692                      | 2.0                       | 3                       | 3.0                         |
| OTHER RECOVERY               | 13                         | 0.0                       | 3                       | 3.0                         |
| SLUDGE TREATMENT             | 36                         | 0.0                       | 3                       | 3.0                         |
| AQUEOUS ORGANIC TREATMENT    | 1,756                      | 0.6                       | 3                       | 3.0                         |
| OTHER DISPOSAL               | 205                        | 0.1                       | 3                       | 3.0                         |
| LANDFILL/SURFACE IMPOUNDMENT | 5,640                      | 1.9                       | 2                       | 2.0                         |
| ENERGY RECOVERY              | 1,562                      | 0.5                       | 1                       | 1.0                         |
|                              | 289,733                    | 100.0                     | 100                     |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D035, D018, F003, D007, U002, U154, U159, D008, F005

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## WASHINGTON

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 418

16 Quantity of RCRA Hazardous Waste Shipped: 75,742

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                | City              | Quantity Shipped<br>(Tons) |
|-------|--------------|--|-------------------|----------------------------|
| 1     | WAD988487583 | NUCOR STEEL SEATTLE INC                  | SEATTLE           | 13,019                     |
| 2     | WAD991281767 | BURLINGTON ENVIRONMENTAL LLC KENT        | KENT              | 10,974                     |
| 3     | WAD020257945 | BURLINGTON ENVIRONMENTAL LLC TACOMA      | TACOMA            | 7,376                      |
| 4     | WAD009270794 | ALCOA INC WENATCHEE WORKS                | MALAGA            | 5,037                      |
| 5     | WAD981769110 | EMERALD SERVICES INC ALEXANDER AVE       | TACOMA            | 3,657                      |
| 6     | WAD041585464 | BOEING EVERETT                           | EVERETT           | 2,394                      |
| 7     | WA2170023418 | US NAVY PSNS & IMF                       | BREMERTON         | 2,248                      |
| 8     | WAD027530526 | KRONOS MICRONUTRIENTS LP                 | MOXEE             | 2,002                      |
| 9     | WAD009252891 | SSA TACOMA, INC                          | TACOMA            | 1,990                      |
| 10    | WAD041337130 | BOEING COMPANY AUBURN                    | AUBURN            | 1,610                      |
| 11    | WAD988482592 | BOEING COMPANY FREDERICKSON              | PUYALLUP          | 1,492                      |
| 12    | WAH000036320 | SUPERLON PLASTICS CO INC                 | TACOMA            | 1,479                      |
| 13    | WAR000010355 | PERMA FIX NORTHWEST RICHLAND INC         | RICHLAND          | 1,316                      |
| 14    | WAD009488131 | INTALCO ALUMINUM CORP FERNDALE           | FERNDALE          | 1,226                      |
| 15    | WAD009256819 | BOEING PLANT 2                           | SEATTLE           | 1,209                      |
| 16    | WAD990828642 | COLUMBIA GORGE ALUMINUM                  | GOLDENDALE        | 1,121                      |
| 17    | WAD981773849 | US EPA TIME OIL TMT SYSTEM 12A           | TACOMA            | 1,038                      |
| 18    | WAH000026291 | SOUND TRANSIT TACOMA                     | TACOMA            | 868                        |
| 19    | WAD009276197 | SHELL OPUS PUGET SOUND REFINERY          | ANACORTES         | 733                        |
| 20    | WAD069548154 | BP CHERRY POINT REFINERY                 | BLAINE            | 704                        |
| 21    | WAH000034368 | SECOND & BELL BUILDING LLC               | SEATTLE           | 602                        |
| 22    | WAD009262171 | BOEING RENTON                            | RENTON            | 599                        |
| 23    | WAD988522603 | TORAY COMPOSITES AMERICA                 | TACOMA            | 548                        |
| 24    | WA7890008967 | US DEPT OF ENERGY HANFORD FACILITY       | RICHLAND          | 501                        |
| 25    | WAH000007724 | SKILLS INC                               | AUBURN            | 453                        |
| 26    | WAD009248295 | WYCKOFF EAGLE HARBOR SUPERFUND SITE      | BAINBRIDGE ISLAND | 397                        |
| 27    | WA9214053465 | US ARMY HQ I CORPS & FORT LEWIS          | FT LEWIS          | 384                        |
| 28    | WAD980982037 | BOEING NORTH BOEING FIELD                | SEATTLE           | 373                        |
| 29    | WAD009591207 | TOC HOLDINGS CO                          | SEATTLE           | 310                        |
| 30    | WAD980738652 | WA UW SEATTLE CAMPUS                     | SEATTLE           | 280                        |
| 31    | WAD000602813 | JORGENSEN FORGE CORP                     | SEATTLE           | 255                        |
| 32    | WAH000000455 | STEELSCAPE INC                           | KALAMA            | 252                        |
| 33    | WAH000039617 | WALMART REAL ESTATE BUSINESS TRUST       | SPOKANE VALLEY    | 250                        |
| 34    | WAD981762206 | IRIS HOLDING LLC                         | SEATTLE           | 250                        |
| 35    | WAD988466900 | HYTEK FINISHES CO KENT                   | KENT              | 241                        |
| 36    | WAD063341424 | PROTECTIVE COATINGS INC                  | KENT              | 222                        |
| 37    | WAD058367152 | EMERALD SERVICES INC AIRPORT WAY         | SEATTLE           | 214                        |
| 38    | WAH000006940 | GOODRICH CORPORATION CARBON PRODUCTS     | SPOKANE           | 210                        |
| 39    | WAH000039359 | PARSONS CONSTRUCTORS & FABRICATORS INC   | PASCO             | 193                        |
| 40    | WAD009275082 | TESORO REFINING & MARKETING COMPANY      | ANACORTES         | 187                        |
| 41    | WAD009422411 | RIDGEFIELD PORT LAKE RIVER SITE          | RIDGEFIELD        | 172                        |
| 42    | WAD980738926 | SKILLS INC BALLARD ANODIZE               | SEATTLE           | 171                        |
| 43    | WA1170023419 | US NAVY KEYPORT OU1                      | KEYPORT           | 170                        |
| 44    | WAD070967245 | CONOCOPHILLIPS CO NORTH SPOKANE TERMINAL | SPOKANE           | 158                        |
| 45    | WA5170027291 | NAVAL BASE KITSAP AT BANGOR              | SILVERDALE        | 154                        |
| 46    | WAD009250366 | CONOCOPHILLIPS CO FERNDALE REFINERY      | FERNDALE          | 150                        |
| 47    | WAD000801001 | CONOCOPHILLIPS CO PARKWATER TERMINAL     | SPOKANE           | 146                        |
| 48    | WAD991281874 | PASCO LANDFILL NPL SITE                  | PASCO             | 142                        |
| 49    | WAH000028018 | HUNTWOOD INDUSTRIES LIBERTY LAKE         | LIBERTY LAKE      | 127                        |
| 50    | WAD053823019 | STELLA JONES CORPORATION                 | ARLINGTON         | 127                        |
| Total |              |  |                   | 69,729                     |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## WASHINGTON

### 2011 WASTE RECEIPTS

**18** Number of RCRA Hazardous Waste Receivers: 10

**19** Quantity of RCRA Hazardous Waste Received: 51,895 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                           | City         | Quantity Received<br>(Tons) |
|--------------|--------------|-------------------------------------|--------------|-----------------------------|
| 1            | WAD991281767 | BURLINGTON ENVIRONMENTAL LLC KENT   | KENT         | 36,469                      |
| 2            | WAD020257945 | BURLINGTON ENVIRONMENTAL LLC TACOMA | TACOMA       | 9,907                       |
| 3            | WAD981769110 | EMERALD SERVICES INC ALEXANDER AVE  | TACOMA       | 3,374                       |
| 4            | WA7890008967 | US DEPT OF ENERGY HANFORD FACILITY  | RICHLAND     | 1,340                       |
| 5            | WAR000010355 | PERMA FIX NORTHWEST RICHLAND INC    | RICHLAND     | 563                         |
| 6            | WAD041337130 | BOEING COMPANY AUBURN               | AUBURN       | 202                         |
| 7            | WAD980976906 | HALLMARK REFINING CORP              | MOUNT VERNON | 29                          |
| 8            | WAH000026371 | ECOLIGHTS NORTHWEST                 | SEATTLE      | 10                          |
| 9            | WA1891406349 | US DOE BPA ROSS COMPLEX             | VANCOUVER    | 1                           |
| 10           | WA1170023419 | US NAVY KEYPORT OU1                 | KEYPORT      | 0                           |
| <b>Total</b> |              |                                     |              | <b>51,895</b>               |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## WASHINGTON

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 3,734                      | 7.2                       | 2                       | 20.0                        |
| AQUEOUS ORGANIC TREATMENT    | 1,748                      | 3.4                       | 1                       | 10.0                        |
| FUEL BLENDING                | 5,692                      | 11.0                      | 3                       | 30.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 1,281                      | 2.5                       | 1                       | 10.0                        |
| METALS RECOVERY              | 29                         | 0.1                       | 1                       | 10.0                        |
| OTHER DISPOSAL               | 202                        | 0.4                       | 1                       | 10.0                        |
| OTHER RECOVERY               | 10                         | 0.0                       | 1                       | 10.0                        |
| OTHER TREATMENT              | 441                        | 0.8                       | 5                       | 50.0                        |
| SOLVENTS RECOVERY            | 1,155                      | 2.2                       | 1                       | 10.0                        |
| STABILIZATION                | 1,541                      | 3.0                       | 2                       | 20.0                        |
| STORAGE AND/OR TRANSFER      | 36,062                     | 69.5                      | 5                       | 50.0                        |
|                              | 51,895                     | 100.0                     | 10                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 36,062                     | 69.5                      | 5                       | 50.0                        |
| FUEL BLENDING                | 5,692                      | 11.0                      | 3                       | 30.0                        |
| AQUEOUS INORGANIC TREATMENT  | 3,734                      | 7.2                       | 2                       | 20.0                        |
| AQUEOUS ORGANIC TREATMENT    | 1,748                      | 3.4                       | 1                       | 10.0                        |
| STABILIZATION                | 1,541                      | 3.0                       | 2                       | 20.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 1,281                      | 2.5                       | 1                       | 10.0                        |
| SOLVENTS RECOVERY            | 1,155                      | 2.2                       | 1                       | 10.0                        |
| OTHER TREATMENT              | 441                        | 0.8                       | 5                       | 50.0                        |
| OTHER DISPOSAL               | 202                        | 0.4                       | 1                       | 10.0                        |
| METALS RECOVERY              | 29                         | 0.1                       | 1                       | 10.0                        |
| OTHER RECOVERY               | 10                         | 0.0                       | 1                       | 10.0                        |
|                              | 51,895                     | 100.0                     | 10                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER      | 36,062                     | 69.5                      | 5                       | 50.0                        |
| OTHER TREATMENT              | 441                        | 0.8                       | 5                       | 50.0                        |
| FUEL BLENDING                | 5,692                      | 11.0                      | 3                       | 30.0                        |
| AQUEOUS INORGANIC TREATMENT  | 3,734                      | 7.2                       | 2                       | 20.0                        |
| STABILIZATION                | 1,541                      | 3.0                       | 2                       | 20.0                        |
| OTHER DISPOSAL               | 202                        | 0.4                       | 1                       | 10.0                        |
| METALS RECOVERY              | 29                         | 0.1                       | 1                       | 10.0                        |
| OTHER RECOVERY               | 10                         | 0.0                       | 1                       | 10.0                        |
| LANDFILL/SURFACE IMPOUNDMENT | 1,281                      | 2.5                       | 1                       | 10.0                        |
| SOLVENTS RECOVERY            | 1,155                      | 2.2                       | 1                       | 10.0                        |
| AQUEOUS ORGANIC TREATMENT    | 1,748                      | 3.4                       | 1                       | 10.0                        |
|                              | 51,895                     | 100.0                     | 10                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## WASHINGTON

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 61,278 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 10,167 Tons

**26 Washington Interstate Shipment / Receipts (As reported by Washington):**

The State to which Washington shipped the largest quantity of waste was Oregon (17,569 tons).

The State that shipped the largest quantity of waste to Washington was Oregon (7,511 tons).

## WEST VIRGINIA

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 142

2 Quantity of RCRA Hazardous Waste Generated: 62,334 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City             | Total Generated<br>(Tons) |
|--------------|--------------|---|------------------|---------------------------|
| 1            | WVD004325353 | MPM SILICONES, LLC                          | FRIENDLY         | 15,089                    |
| 2            | WVD005005509 | BAYER CROPSCIENCE, LP                       | INSTITUTE        | 11,463                    |
| 3            | WVD980555239 | OLIN CORP - MOUNDSVILLE PLANT               | MOUNDSVILLE      | 5,574                     |
| 4            | WVD000068908 | ARCELORMITTAL WEIRTON, INC.                 | WEIRTON          | 4,341                     |
| 5            | WVD004341491 | CYTEC INDUSTRIES, INC. - WILLOW ISLAND      | BELMONT          | 2,523                     |
| 6            | WVD072667801 | SWVA, INC.                                  | HUNTINGTON       | 2,265                     |
| 7            | WVD005012851 | E.I. DU PONT DE NEMOURS AND COMPANY         | BELLE            | 1,908                     |
| 8            | WVR000512293 | MOUNTAIN STATE CARBON FOLLANSBEE COKE PLA   | FOLLANSBEE       | 1,758                     |
| 9            | WVD980554463 | AMERICAN ELECTRIC POWER - MOUNTAINEER PLAN  | NEW HAVEN        | 1,417                     |
| 10           | WV0000352583 | BAYER MATERIALSCIENCE LLC (SC MANUFACTURIN  | SOUTH CHARLESTON | 1,342                     |
| 11           | WVD076826015 | HUNTINGTON ALLOYS CORPORATION               | HUNTINGTON       | 1,239                     |
| 12           | WVD056866312 | BAYER MATERIALSCIENCE LLC                   | NEW MARTINSVILLE | 1,055                     |
| 13           | WVD056795842 | GOODRICH CORPORATION, DSSD                  | UNION            | 969                       |
| 14           | WVD045875291 | E.I. DU PONT DE NEMOURS AND COMPANY         | WASHINGTON       | 969                       |
| 15           | WVD000510859 | WHEELING-NISSHIN                            | FOLLANSBEE       | 908                       |
| 16           | WVR000520270 | LONGVIEW POWER PLANT                        | MAIDSVILLE       | 657                       |
| 17           | WVD981738909 | AMERICAN WOODMARK CORP - HARDY CO PLANT     | MOOREFIELD       | 644                       |
| 18           | WVR000010058 | ERGON WEST VIRGINIA, INC.                   | NEWELL           | 621                       |
| 19           | WVR000008003 | PRECOAT METALS                              | WEIRTON          | 487                       |
| 20           | WVD004374021 | HANLIN-ALLIED SITE ( HONEYWELL)             | MOUNDSVILLE      | 444                       |
| 21           | WVR000001446 | SAFETY-KLEEN SYSTEMS, INC                   | POCA             | 423                       |
| 22           | WVD116025180 | HASTINGS EXTRACTION PLANT                   | HASTINGS         | 329                       |
| 23           | WVD059295998 | MYLAN PHARMACEUTICALS INC.                  | MORGANTOWN       | 325                       |
| 24           | WVD005005483 | UNION CARBIDE CORPORATION                   | SOUTH CHARLESTON | 312                       |
| 25           | WVD004336749 | KOPPERS INC.                                | FOLLANSBEE       | 304                       |
| 26           | WVD981730757 | AC & S, INC.                                | NITRO            | 288                       |
| 27           | WVD004336343 | PPG INDUSTRIES INC.                         | NEW MARTINSVILLE | 273                       |
| 28           | WVR000506782 | AMERICAN WOODMARK CORPORATION -SOUTH BRA    | MOOREFIELD       | 244                       |
| 29           | WVD988786455 | C&C MARINE MAINTENANCE COMPANY              | NEWELL           | 243                       |
| 30           | WVD061769592 | CROWN BRAND BUILDING PACKAGING              | WEIRTON          | 214                       |
| 31           | WVR000500074 | ECOLAB, INC.                                | MARTINSBURG      | 194                       |
| 32           | WVR000513812 | BAY AREA METALS RECYCLING, INC.             | BENS RUN         | 190                       |
| 33           | WV0170023691 | ALLIANT TECHSYSTEMS OPERATIONS LLC, ABL OPE | ROCKET CENTER    | 182                       |
| 34           | WVD055530604 | PRATT AND WHITNEY ENGINE SERVICES INC.      | BRIDGEPORT       | 180                       |
| 35           | WVD061776977 | CHEMTURA CORPORATION - SOUTH PLANT          | MORGANTOWN       | 175                       |
| 36           | WVR000523290 | KUREHA PGA LLC - BELLE PLANT                | BELLE            | 148                       |
| 37           | WVD988767968 | CGST-LOST RIVER COMPRESSOR                  | MATHIAS          | 146                       |
| 38           | WVD981034101 | SAFETY-KLEEN SYSTEMS INC                    | WHEELING         | 145                       |
| 39           | WVD982575888 | AZZ GALVANIZING PILOT                       | POCA             | 136                       |
| 40           | WVD982575045 | MPC - TRI-STATE TERMINAL                    | KENOVA           | 128                       |
| 41           | WVD982701732 | SWANSON PLATING CORPORATION, INC.           | LITTLE FALLS     | 125                       |
| 42           | WVD003080959 | KOPPERS INC.                                | GREEN SPRING     | 118                       |
| 43           | WVD988783239 | EQUITRANS, LP - COPLEY RUN STATION          | WESTON           | 118                       |
| 44           | WVR000521187 | NORTH AMERICAN GALVANIZING COMPANY          | BENWOOD          | 97                        |
| 45           | WVR000007807 | QUAD/GRAPHICS, INC.                         | MARTINSBURG      | 93                        |
| 46           | WVR000007120 | MYLAN PHARMACEUTICALS INC. - R&D            | MORGANTOWN       | 91                        |
| 47           | WVD980552384 | CHEMTURA CORPORATION - NORTH PLANT          | MORGANTOWN       | 89                        |
| 48           | WVD009708702 | ICL-IP AMERICA INC. GALLIPOLIS FERRY SITE   | GALLIPOLIS FERRY | 86                        |
| 49           | WVR000523720 | UNIVATION TECHNOLOGIES, LLC                 | SOUTH CHARLESTON | 58                        |
| 50           | WVD005007372 | STELLA-JONES CORPORATION                    | REEDY            | 54                        |
| <b>Total</b> |              |   |                  | <b>61,179</b>             |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## WEST VIRGINIA

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 2,612                   | ONLY AN F CODE                | 11,830                  |  |                         |
| ONLY CORROSIVE                        | 2,072                   | ONLY A K CODE                 | 3,293                   |  |                         |
| ONLY REACTIVE                         | 122                     | ONLY A P CODE                 | 2                       |  |                         |
| ONLY D004-17                          | 3,207                   | ONLY A U CODE                 | 32                      |  |                         |
| ONLY D018-43                          | 6,193                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 10,348                  | HAS MORE THAN ONE LISTED CODE | 1,169                   |  |                         |
| <b>TOTAL</b>                          | <b>24,554</b>           | <b>TOTAL</b>                  | <b>16,326</b>           | <b>Both Characteristic and Listed</b>          | <b>21,420</b>           |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 5,828                   |   |                         | IGN. W/ AT LEAST 1 LSTD              | 20,226                  |
| HAS CORROSIVE CODE  | 6,182                   |   |                         | CORR. W/ AT LEAST 1 LSTD             | 7,868                   |
| HAS REACTIVE CODE   | 395                     |   |                         | REACT. W/ AT LEAST 1 LSTD            | 1,087                   |
| HAS D004-D017 CODE  | 3,547                   |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 8,711                   |
| HAS D018-D043 CODE  | 5,328                   |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 10,540                  |
|   |                         | HAS AN F CODE                           | 1,160                   | F WASTE W/ AT LEAST 1 CHAR           | 21,056                  |
|   |                         | HAS A K CODE                            | 919                     | K WASTE W/ AT LEAST 1 CHAR           | 8,501                   |
|   |                         | HAS A P CODE                            | 274                     | P WASTE W/ AT LEAST 1 CHAR           | 7,626                   |
|   |                         | HAS A U CODE                            | 51                      | U WASTE W/ AT LEAST 1 CHAR           | 8,144                   |
| <b>TOTAL</b>  | <b>10,348</b>           | <b>TOTAL</b>                            | <b>1,169</b>            | <b>TOTAL</b>                         | <b>21,420</b>           |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, D007, F005, D008, D018, D035, D003, D009

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3251  | BASIC CHEMICAL MANUFACTURING   | 27,188         |
| 2            | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING     | 11,463         |
| 3            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING                        | 9,272          |
| 4            | 3252  | RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL SYNTHETIC FIBERS AND FILAMENTS M | 2,122          |
| 5            | 2211  | ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION                 | 2,077          |
| 6            | 3314  | NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING             | 1,429          |
| 7            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES                 | 1,104          |
| 8            | 3261  | PLASTICS PRODUCT MANUFACTURING   | 1,055          |
| 9            | 3262  | RUBBER PRODUCT MANUFACTURING   | 969            |
| 10           | 3371  | HOUSEHOLD AND INSTITUTIONAL FURNITURE AND KITCHEN CABINET MANUFACTUI     | 888            |
| <b>Total</b> |       |  | <b>57,566</b>  |

## WEST VIRGINIA

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 7

9 Quantity of RCRA Hazardous Waste Managed: 28,941 Tons

10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank  | EPA ID       | Site Name                                  | City             | Tons of Waste Managed |
|-------|--------------|--|------------------|-----------------------|
| 1     | WVD004325353 | MPM SILICONES, LLC                         | FRIENDLY         | 11,871                |
| 2     | WVD005005509 | BAYER CROPS SCIENCE, LP                    | INSTITUTE        | 9,922                 |
| 3     | WVD056866312 | BAYER MATERIALSCIENCE LLC                  | NEW MARTINSVILLE | 5,518                 |
| 4     | WVD076826015 | HUNTINGTON ALLOYS CORPORATION              | HUNTINGTON       | 1,506                 |
| 5     | WV0170023691 | ALLIANT TECHSYSTEMS OPERATIONS LLC, ABL OF | ROCKET CENTER    | 85                    |
| 6     | WVD004336343 | PPG INDUSTRIES INC.                        | NEW MARTINSVILLE | 39                    |
| 7     | WVD980552384 | CHEMTURA CORPORATION - NORTH PLANT         | MORGANTOWN       | 0                     |
| Total |              |  |                  | 28,941                |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## WEST VIRGINIA

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT  | 39                         | 0.1                       | 1                       | 14.3                        |
| ENERGY RECOVERY              | 13,697                     | 47.3                      | 2                       | 28.6                        |
| INCINERATION                 | 6,214                      | 21.5                      | 1                       | 14.3                        |
| LANDFILL/SURFACE IMPOUNDMENT | 7,099                      | 24.5                      | 2                       | 28.6                        |
| METALS RECOVERY              | 1,506                      | 5.2                       | 1                       | 14.3                        |
| OTHER DISPOSAL               | 281                        | 1.0                       | 1                       | 14.3                        |
| OTHER TREATMENT              | 104                        | 0.4                       | 3                       | 42.9                        |
|                              | 28,941                     | 100.0                     | 7                       |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY              | 13,697                     | 47.3                      | 2                       | 28.6                        |
| LANDFILL/SURFACE IMPOUNDMENT | 7,099                      | 24.5                      | 2                       | 28.6                        |
| INCINERATION                 | 6,214                      | 21.5                      | 1                       | 14.3                        |
| METALS RECOVERY              | 1,506                      | 5.2                       | 1                       | 14.3                        |
| OTHER DISPOSAL               | 281                        | 1.0                       | 1                       | 14.3                        |
| OTHER TREATMENT              | 104                        | 0.4                       | 3                       | 42.9                        |
| AQUEOUS INORGANIC TREATMENT  | 39                         | 0.1                       | 1                       | 14.3                        |
|                              | 28,941                     | 100.0                     | 7                       |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method            | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|------------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| OTHER TREATMENT              | 104                        | 0.4                       | 3                       | 42.9                        |
| LANDFILL/SURFACE IMPOUNDMENT | 7,099                      | 24.5                      | 2                       | 28.6                        |
| ENERGY RECOVERY              | 13,697                     | 47.3                      | 2                       | 28.6                        |
| METALS RECOVERY              | 1,506                      | 5.2                       | 1                       | 14.3                        |
| AQUEOUS INORGANIC TREATMENT  | 39                         | 0.1                       | 1                       | 14.3                        |
| OTHER DISPOSAL               | 281                        | 1.0                       | 1                       | 14.3                        |
| INCINERATION                 | 6,214                      | 21.5                      | 1                       | 14.3                        |
|                              | 28,941                     | 100.0                     | 7                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D003, D002, F005, F003, D007, D018, F039, D022, D035

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## WEST VIRGINIA

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 142

16 Quantity of RCRA Hazardous Waste Shipped: 39,478

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City             | Quantity Shipped<br>(Tons) |
|--------------|--------------|--|------------------|----------------------------|
| 1            | WVD980555239 | OLIN CORP - MOUNDSVILLE PLANT              | MOUNDSVILLE      | 5,574                      |
| 2            | WVD000068908 | ARCELORMITTAL WEIRTON, INC.                | WEIRTON          | 4,341                      |
| 3            | WVD004325353 | MPM SILICONES, LLC                         | FRIENDLY         | 3,010                      |
| 4            | WVD004341491 | CYTEC INDUSTRIES, INC. - WILLOW ISLAND     | BELMONT          | 2,406                      |
| 5            | WVD072667801 | SWVA, INC.                                 | HUNTINGTON       | 2,265                      |
| 6            | WVD005012851 | E.I. DU PONT DE NEMOURS AND COMPANY        | BELLE            | 1,908                      |
| 7            | WVR000512293 | MOUNTAIN STATE CARBON FOLLANSBEE COKE PL.  | FOLLANSBEE       | 1,758                      |
| 8            | WVD005005509 | BAYER CROPSCIENCE, LP                      | INSTITUTE        | 1,580                      |
| 9            | WVD980554463 | AMERICAN ELECTRIC POWER - MOUNTAINEER PLA  | NEW HAVEN        | 1,417                      |
| 10           | WV0000352583 | BAYER MATERIALSCIENCE LLC (SC MANUFACTURI  | SOUTH CHARLESTON | 1,342                      |
| 11           | WVD045875291 | E.I. DU PONT DE NEMOURS AND COMPANY        | WASHINGTON       | 1,044                      |
| 12           | WVD056866312 | BAYER MATERIALSCIENCE LLC                  | NEW MARTINSVILLE | 1,031                      |
| 13           | WVD056795842 | GOODRICH CORPORATION, DSSD                 | UNION            | 969                        |
| 14           | WVD000510859 | WHEELING-NISSHIN                           | FOLLANSBEE       | 908                        |
| 15           | WVR000520270 | LONGVIEW POWER PLANT                       | MAIDSVILLE       | 657                        |
| 16           | WVD981738909 | AMERICAN WOODMARK CORP - HARDY CO PLANT    | MOOREFIELD       | 644                        |
| 17           | WVR000010058 | ERGON WEST VIRGINIA, INC.                  | NEWELL           | 621                        |
| 18           | WVR000008003 | PRECOAT METALS                             | WEIRTON          | 487                        |
| 19           | WVD004374021 | HANLIN-ALLIED SITE ( HONEYWELL)            | MOUNDSVILLE      | 444                        |
| 20           | WVR000001446 | SAFETY-KLEEN SYSTEMS, INC                  | POCA             | 426                        |
| 21           | WVD981034101 | SAFETY-KLEEN SYSTEMS INC                   | WHEELING         | 349                        |
| 22           | WVD059295998 | MYLAN PHARMACEUTICALS INC.                 | MORGANTOWN       | 339                        |
| 23           | WVD116025180 | HASTINGS EXTRACTION PLANT                  | HASTINGS         | 329                        |
| 24           | WVD005005483 | UNION CARBIDE CORPORATION                  | SOUTH CHARLESTON | 305                        |
| 25           | WVD004336749 | KOPPERS INC.                               | FOLLANSBEE       | 304                        |
| 26           | WVD981730757 | AC & S, INC.                               | NITRO            | 288                        |
| 27           | WVR000506782 | AMERICAN WOODMARK CORPORATION -SOUTH BF    | MOOREFIELD       | 244                        |
| 28           | WVD988786455 | C&C MARINE MAINTENANCE COMPANY             | NEWELL           | 243                        |
| 29           | WVD004336343 | PPG INDUSTRIES INC.                        | NEW MARTINSVILLE | 215                        |
| 30           | WVD061769592 | CROWN BRAND BUILDING PACKAGING             | WEIRTON          | 214                        |
| 31           | WVD981107600 | AES ENVIRONMENTAL, LLC                     | MORGANTOWN       | 206                        |
| 32           | WVR000500074 | ECOLAB, INC.                               | MARTINSBURG      | 194                        |
| 33           | WVR000513812 | BAY AREA METALS RECYCLING, INC.            | BENS RUN         | 190                        |
| 34           | WVD055530604 | PRATT AND WHITNEY ENGINE SERVICES INC.     | BRIDGEPORT       | 180                        |
| 35           | WVD076826015 | HUNTINGTON ALLOYS CORPORATION              | HUNTINGTON       | 156                        |
| 36           | WVD061776977 | CHEMTURA CORPORATION - SOUTH PLANT         | MORGANTOWN       | 155                        |
| 37           | WVR000523290 | KUREHA PGA LLC - BELLE PLANT               | BELLE            | 146                        |
| 38           | WVD988767968 | CGST-LOST RIVER COMPRESSOR                 | MATHIAS          | 146                        |
| 39           | WVD982575888 | AZZ GALVANIZING PILOT                      | POCA             | 136                        |
| 40           | WVD982575045 | MPC - TRI-STATE TERMINAL                   | KENOVA           | 128                        |
| 41           | WVD982701732 | SWANSON PLATING CORPORATION, INC.          | LITTLE FALLS     | 125                        |
| 42           | WVD003080959 | KOPPERS INC.                               | GREEN SPRING     | 118                        |
| 43           | WVD988783239 | EQUITRANS, LP - COPLEY RUN STATION         | WESTON           | 118                        |
| 44           | WVR000521187 | NORTH AMERICAN GALVANIZING COMPANY         | BENWOOD          | 97                         |
| 45           | WV0170023691 | ALLIANT TECHSYSTEMS OPERATIONS LLC, ABL OP | ROCKET CENTER    | 97                         |
| 46           | WVR000007807 | QUAD/GRAPHICS, INC.                        | MARTINSBURG      | 92                         |
| 47           | WVR000007120 | MYLAN PHARMACEUTICALS INC. - R&D           | MORGANTOWN       | 91                         |
| 48           | WVD009708702 | ICL-IP AMERICA INC. GALLIPOLIS FERRY SITE  | GALLIPOLIS FERRY | 86                         |
| 49           | WVD980552384 | CHEMTURA CORPORATION - NORTH PLANT         | MORGANTOWN       | 85                         |
| 50           | WVR000523720 | UNIVATION TECHNOLOGIES, LLC                | SOUTH CHARLESTON | 57                         |
| <b>Total</b> |              |  |                  | <b>38,264</b>              |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**WEST VIRGINIA**

**2011 WASTE RECEIPTS**

**18** Number of RCRA Hazardous Waste Receivers: 5

**19** Quantity of RCRA Hazardous Waste Received: 6,426 Tons

**20** Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank         | EPA ID       | Site Name                     | City             | Quantity Received<br>(Tons) |
|--------------|--------------|-------------------------------|------------------|-----------------------------|
| 1            | WVD056866312 | BAYER MATERIALSCIENCE LLC     | NEW MARTINSVILLE | 5,494                       |
| 2            | WVD076826015 | HUNTINGTON ALLOYS CORPORATION | HUNTINGTON       | 423                         |
| 3            | WVD981107600 | AES ENVIRONMENTAL, LLC        | MORGANTOWN       | 280                         |
| 4            | WVD981034101 | SAFETY-KLEEN SYSTEMS INC      | WHEELING         | 206                         |
| 5            | WVD005005509 | BAYER CROPSCIENCE, LP         | INSTITUTE        | 23                          |
| <b>Total</b> |              |                               |                  | <b>6,426</b>                |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## WEST VIRGINIA

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY         | 5,517                      | 85.9                      | 2                       | 40.0                        |
| METALS RECOVERY         | 423                        | 6.6                       | 1                       | 20.0                        |
| STORAGE AND/OR TRANSFER | 486                        | 7.6                       | 2                       | 40.0                        |
|                         | 6,426                      | 100.0                     | 5                       |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY         | 5,517                      | 85.9                      | 2                       | 40.0                        |
| STORAGE AND/OR TRANSFER | 486                        | 7.6                       | 2                       | 40.0                        |
| METALS RECOVERY         | 423                        | 6.6                       | 1                       | 20.0                        |
|                         | 6,426                      | 100.0                     | 5                       |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities  
Limited to Waste Received from Offsite, 2011**

| Management Method       | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| ENERGY RECOVERY         | 5,517                      | 85.9                      | 2                       | 40.0                        |
| STORAGE AND/OR TRANSFER | 486                        | 7.6                       | 2                       | 40.0                        |
| METALS RECOVERY         | 423                        | 6.6                       | 1                       | 20.0                        |
|                         | 6,426                      | 100.0                     | 5                       |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## WEST VIRGINIA

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 39,085 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 6,317 Tons

**26 West Virginia Interstate Shipment / Receipts (As reported by West Virginia):**

The State to which West Virginia shipped the largest quantity of waste was Ohio (15,353 tons).

The State that shipped the largest quantity of waste to West Virginia was Texas (5,494 tons).

## WISCONSIN

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 539

2 Quantity of RCRA Hazardous Waste Generated: 289,401 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                    | City              | Total Generated<br>(Tons) |
|--------------|--------------|--|-------------------|---------------------------|
| 1            | WID046536231 | ERCO WORLDWIDE (USA) INC - PORT EDWARDS PLT  | NEKOOSA           | 91,707                    |
| 2            | WID000808568 | W M W I - OMEGA HILLS LF                     | GERMANTOWN        | 49,144                    |
| 3            | WID098547854 | W M W I - METRO RECYCLING & DISPOSAL         | FRANKLIN          | 27,728                    |
| 4            | WID053091005 | PHILLIPS PLATING CORP                        | PHILLIPS          | 27,297                    |
| 5            | WID990829475 | WRR ENVIRONMENTAL SERVICES CO INC            | EAU CLAIRE        | 12,709                    |
| 6            | WID028877074 | CHARTER STEEL - SAUKVILLE                    | SAUKVILLE         | 11,943                    |
| 7            | WID000808824 | HYDRITE CHEMICAL CO                          | COTTAGE GROVE     | 8,539                     |
| 8            | WIR000126664 | UNIVERSAL RECYCLING TECHNOLOGIES LLC         | JANESVILLE        | 6,312                     |
| 9            | WID980898266 | CHEMDESIGN PRODUCTS INC                      | MARINETTE         | 5,559                     |
| 10           | WID059972935 | PPG INDUSTRIES                               | OAK CREEK         | 4,004                     |
| 11           | WID003967148 | VEOLIA ES TECHNICAL SOLUTIONS LLC            | MENOMONEE FALLS   | 3,123                     |
| 12           | WID076171008 | KESTREL HAWK LF                              | RACINE            | 2,013                     |
| 13           | WID078675634 | STELLA-JONES CORP                            | BANGOR            | 1,931                     |
| 14           | WIR000000356 | WM MERCURY WASTE INC                         | UNION GROVE       | 1,567                     |
| 15           | WID006091425 | SC JOHNSON & SON INC                         | STURTEVANT        | 1,507                     |
| 16           | WID980615439 | ARKEMA INC                                   | SAUKVILLE         | 1,350                     |
| 17           | WIT560011595 | BEMIS FILMS (CURWOOD INC)                    | OSHKOSH           | 1,297                     |
| 18           | WID006125215 | TYCO SAFETY PRODUCTS - ANSUL STANTON ST FAC  | MARINETTE         | 1,198                     |
| 19           | WIR000129130 | SANIMAX ENERGY INC                           | DEFOREST          | 1,066                     |
| 20           | WID078673084 | 3M CO MENOMONIE                              | MENOMONIE         | 989                       |
| 21           | WIR000118190 | CAMBRIDGE MAJOR LABORATORIES INC             | GERMANTOWN        | 944                       |
| 22           | WID006144737 | CURWOOD INC (NEW LONDON)                     | NEW LONDON        | 825                       |
| 23           | WID006425888 | JAGEMANN PLATING CO INC                      | MANITOWOC         | 621                       |
| 24           | WID023394158 | HENTZEN COATINGS INC                         | MILWAUKEE         | 571                       |
| 25           | WID000808964 | 3M CO PRAIRIE DU CHIEN                       | PRAIRIE DU CHIEN  | 515                       |
| 26           | WID006103766 | SHEBOYGAN PAINT CO                           | SHEBOYGAN         | 513                       |
| 27           | WIR000001552 | CURWOOD WISCONSIN LLC                        | BOSCOBEL          | 512                       |
| 28           | WID006096192 | ACME GALVANIZING INC                         | MILWAUKEE         | 494                       |
| 29           | WIR000129585 | DIVERSEY DISTRIBUTION CENTER                 | STURTEVANT        | 492                       |
| 30           | WID023350192 | BRENNTAG GREAT LAKES LLC                     | MENOMONEE FALLS   | 435                       |
| 31           | WID058735457 | SOUTHWEST METAL FINISHING - DAKOTA EAST      | NEW BERLIN        | 387                       |
| 32           | WID006073225 | KOHLER CO                                    | KOHLER VILLAGE OF | 369                       |
| 33           | WID091781625 | MILPRINT INC                                 | OSHKOSH           | 364                       |
| 34           | WID002987865 | AIR PRODUCTS PERFORMANCE MFG INC             | MILTON            | 359                       |
| 35           | WIR000137109 | SAFC INC                                     | VERONA            | 349                       |
| 36           | WID050549039 | INX INTERNATIONAL INK CO                     | GRAND CHUTE TN    | 341                       |
| 37           | WID988566543 | VEOLIA ES TECHNICAL SOLUTIONS LLC            | PORT WASHINGTON   | 336                       |
| 38           | WID981092133 | ENBRIDGE ENERGY CO                           | SUPERIOR          | 328                       |
| 39           | WIR000002840 | HUTCHINSON TECHNOLOGY INC                    | EAU CLAIRE        | 328                       |
| 40           | WID049533383 | EXOPACK LLC                                  | TOMAH             | 320                       |
| 41           | WID006130405 | CARBOLINE CO                                 | GREEN BAY         | 318                       |
| 42           | WID981000375 | CRYSTAL FINISHING SYSTEMS INC                | WESTON            | 314                       |
| 43           | WID988575452 | RUST-OLEUM CORP                              | PLEASANT PRAIRIE  | 312                       |
| 44           | WID980570550 | FEDERAL MOGUL PISTON RING INC                | MANITOWOC         | 303                       |
| 45           | WIR000141226 | R/W E OF 2555 S BAY ST BTW E CONWAY & POTTER | MILWAUKEE         | 302                       |
| 46           | WID000711077 | PHO-TRONICS INC                              | MILWAUKEE         | 295                       |
| 47           | WID980704209 | CAPITAL RETURNS INC DBA GENCO PHARMACEUTIC   | MILWAUKEE         | 290                       |
| 48           | WID980997167 | BEMIS MILPRINT INC                           | LANCASTER         | 267                       |
| 49           | WID006119978 | EXOPACK LLC                                  | MENASHA           | 262                       |
| 50           | WID046535654 | CURWOOD INC (APPLETON)                       | APPLETON          | 257                       |
| <b>Total</b> |              |  |                   | <b>273,305</b>            |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## WISCONSIN

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 20,407                  | ONLY AN F CODE                | 119,285                 |  |                         |
| ONLY CORROSIVE                        | 3,820                   | ONLY A K CODE                 | 19,923                  |  |                         |
| ONLY REACTIVE                         | 48                      | ONLY A P CODE                 | 334                     |  |                         |
| ONLY D004-17                          | 123,888                 | ONLY A U CODE                 | 56                      |  |                         |
| ONLY D018-43                          | 1,627                   |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 0                       | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>149,790</b>          | <b>TOTAL</b>                  | <b>139,597</b>          | <b>Both Characteristic and Listed</b>          | <b>0</b>                |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 0                       |   |                         | IGN. W/ AT LEAST 1 LSTD              | 0                       |
| HAS CORROSIVE CODE  | 0                       |   |                         | CORR. W/ AT LEAST 1 LSTD             | 0                       |
| HAS REACTIVE CODE   | 0                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 0                       |
| HAS D004-D017 CODE  | 0                       |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 0                       |
| HAS D018-D043 CODE  | 0                       |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 0                       |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 0                       |
| <b>TOTAL</b>  | <b>0</b>                | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>0</b>                |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, F003, D008, D003, D009, F005, D007, F006, F002

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description   | Tons Generated |
|--------------|-------|---|----------------|
| 1            | 3251  | BASIC CHEMICAL MANUFACTURING                                  | 107,648        |
| 2            | 5622  | WASTE TREATMENT AND DISPOSAL                                  | 96,620         |
| 3            | 3328  | COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES      | 31,070         |
| 4            | 3311  | IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING             | 11,952         |
| 5            | 4239  | MISCELLANEOUS DURABLE GOODS MERCHANT WHOLESALERS              | 6,312          |
| 6            | 3255  | PAINT, COATING, AND ADHESIVE MANUFACTURING                    | 6,065          |
| 7            | 3261  | PLASTICS PRODUCT MANUFACTURING                                | 4,577          |
| 8            | 3256  | SOAP, CLEANING COMPOUND, AND TOILET PREPARATION MANUFACTURING | 2,035          |
| 9            | 3211  | SAWMILLS AND WOOD PRESERVATION                                | 1,957          |
| 10           | 3259  | OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING          | 1,826          |
| <b>Total</b> |       |   | <b>270,061</b> |

## WISCONSIN

## 2011 WASTE MANAGEMENT

8 Number of RCRA Facilities Contributing to the Hazardous Waste Managed: 34

9 Quantity of RCRA Hazardous Waste Managed: 190,508 Tons

## 10 Fifty Largest RCRA Hazardous Waste Management Facilities in the State, 2011

| Rank         | EPA ID       | Site Name                                  | City            | Tons of Waste Managed |
|--------------|--------------|--|-----------------|-----------------------|
| 1            | WID046536231 | ERCO WORLDWIDE (USA) INC - PORT EDWARDS PI | NEKOOSA         | 91,671                |
| 2            | WID990829475 | WRR ENVIRONMENTAL SERVICES CO INC          | EAU CLAIRE      | 29,791                |
| 3            | WID053091005 | PHILLIPS PLATING CORP                      | PHILLIPS        | 27,295                |
| 4            | WID000808824 | HYDRITE CHEMICAL CO                        | COTTAGE GROVE   | 16,666                |
| 5            | WID003967148 | VEOLIA ES TECHNICAL SOLUTIONS LLC          | MENOMONEE FALLS | 10,267                |
| 6            | WID988580056 | BADGER DISPOSAL OF WI INC                  | MILWAUKEE       | 3,375                 |
| 7            | WID023350192 | BRENNTAG GREAT LAKES LLC                   | MENOMONEE FALLS | 3,044                 |
| 8            | WIR000000356 | WM MERCURY WASTE INC                       | UNION GROVE     | 2,730                 |
| 9            | WID980898266 | CHEMDESIGN PRODUCTS INC                    | MARINETTE       | 1,801                 |
| 10           | WID988566543 | VEOLIA ES TECHNICAL SOLUTIONS LLC          | PORT WASHINGTON | 1,082                 |
| 11           | WID006091425 | SC JOHNSON & SON INC                       | STURTEVANT      | 689                   |
| 12           | WIT560011595 | BEMIS FILMS (CURWOOD INC)                  | OSHKOSH         | 659                   |
| 13           | WIR000001552 | CURWOOD WISCONSIN LLC                      | BOSCOBEL        | 431                   |
| 14           | WID050549039 | INX INTERNATIONAL INK CO                   | GRAND CHUTE TN  | 260                   |
| 15           | WID091781625 | MILPRINT INC                               | OSHKOSH         | 192                   |
| 16           | WID980997167 | BEMIS MILPRINT INC                         | LANCASTER       | 163                   |
| 17           | WID046535654 | CURWOOD INC (APPLETON)                     | APPLETON        | 129                   |
| 18           | WID981803125 | INTERFLEX GROUP                            | MERRILL         | 86                    |
| 19           | WID006085401 | ATI LADISH LLC                             | CUDAHY          | 41                    |
| 20           | WIR000104802 | BELMARK INC PLT 3                          | DE PERE         | 34                    |
| 21           | WID982645046 | HM GRAPHICS INC                            | MILWAUKEE       | 17                    |
| 22           | WID981794944 | MILPORT ENTERPRISES INC                    | MILWAUKEE       | 14                    |
| 23           | WID058735457 | SOUTHWEST METAL FINISHING - DAKOTA EAST    | NEW BERLIN      | 14                    |
| 24           | WID048030951 | SENECA FOODS CORP - VEGETABLE DIV          | BARABOO         | 14                    |
| 25           | WID006183826 | NORTHERN ENGRAVING CORP                    | SPARTA          | 11                    |
| 26           | WIR000110197 | PROFESSIONAL POWER PRODUCTS INC            | DARIEN          | 9                     |
| 27           | WIR000122119 | SENECA FOODS CORP                          | BARABOO         | 7                     |
| 28           | WID052907995 | METALCRAFT OF MAYVILLE INC                 | MAYVILLE        | 6                     |
| 29           | WID006135388 | MARINETTE MARINE CORP                      | MARINETTE       | 5                     |
| 30           | WID006072052 | HERESITE PROTECTIVE COATINGS LLC           | MANITOWOC       | 2                     |
| 31           | WID079965539 | GEORGIA PACIFIC WOOD PRODUCTS LLC          | PHILLIPS        | 2                     |
| 32           | WID981097769 | SAFETY-KLEEN SYSTEMS INC                   | WAUKESHA        | 1                     |
| 33           | WID981187297 | SAFETY-KLEEN SYSTEMS INC                   | KAUKAUNA        | 0                     |
| 34           | WID063378871 | OUTAGAMIE CNTY AIR-GULFSTREAM AEROSPACE    | GREENVILLE TN   | 0                     |
| <b>Total</b> |              |  |                 | <b>190,508</b>        |

Note: Column may not sum to total due to rounding.

State may have fewer than fifty RCRA facilities contributing to the hazardous waste managed.

Facilities reporting storage only and their quantity managed are excluded.

## WISCONSIN

## 2011 WASTE MANAGEMENT, CONTINUED

## 11 Quantity of RCRA Hazardous Waste Managed by Management Method, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 115,593                    | 60.7                      | 6                       | 17.6                        |
| AQUEOUS ORGANIC TREATMENT   | 0                          | 0.0                       | 1                       | 2.9                         |
| ENERGY RECOVERY             | 11,621                     | 6.1                       | 2                       | 5.9                         |
| FUEL BLENDING               | 19,913                     | 10.5                      | 6                       | 17.6                        |
| INCINERATION                | 291                        | 0.2                       | 2                       | 5.9                         |
| METALS RECOVERY             | 4,272                      | 2.2                       | 3                       | 8.8                         |
| OTHER DISPOSAL              | 2                          | 0.0                       | 1                       | 2.9                         |
| OTHER RECOVERY              | 21                         | 0.0                       | 2                       | 5.9                         |
| OTHER TREATMENT             | 3,623                      | 1.9                       | 4                       | 11.8                        |
| SLUDGE TREATMENT            | 85                         | 0.0                       | 1                       | 2.9                         |
| SOLVENTS RECOVERY           | 29,714                     | 15.6                      | 23                      | 67.6                        |
| STABILIZATION               | 5,373                      | 2.8                       | 2                       | 5.9                         |
|                             | 190,508                    | 100.0                     | 34                      |                             |

## 12 Management Method by Quantity of RCRA Hazardous Waste Managed, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 115,593                    | 60.7                      | 6                       | 17.6                        |
| SOLVENTS RECOVERY           | 29,714                     | 15.6                      | 23                      | 67.6                        |
| FUEL BLENDING               | 19,913                     | 10.5                      | 6                       | 17.6                        |
| ENERGY RECOVERY             | 11,621                     | 6.1                       | 2                       | 5.9                         |
| STABILIZATION               | 5,373                      | 2.8                       | 2                       | 5.9                         |
| METALS RECOVERY             | 4,272                      | 2.2                       | 3                       | 8.8                         |
| OTHER TREATMENT             | 3,623                      | 1.9                       | 4                       | 11.8                        |
| INCINERATION                | 291                        | 0.2                       | 2                       | 5.9                         |
| SLUDGE TREATMENT            | 85                         | 0.0                       | 1                       | 2.9                         |
| OTHER RECOVERY              | 21                         | 0.0                       | 2                       | 5.9                         |
| OTHER DISPOSAL              | 2                          | 0.0                       | 1                       | 2.9                         |
| AQUEOUS ORGANIC TREATMENT   | 0                          | 0.0                       | 1                       | 2.9                         |
|                             | 190,508                    | 100.0                     | 34                      |                             |

## 13 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities, 2011

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY           | 29,714                     | 15.6                      | 23                      | 67.6                        |
| AQUEOUS INORGANIC TREATMENT | 115,593                    | 60.7                      | 6                       | 17.6                        |
| FUEL BLENDING               | 19,913                     | 10.5                      | 6                       | 17.6                        |
| OTHER TREATMENT             | 3,623                      | 1.9                       | 4                       | 11.8                        |
| METALS RECOVERY             | 4,272                      | 2.2                       | 3                       | 8.8                         |
| INCINERATION                | 291                        | 0.2                       | 2                       | 5.9                         |
| OTHER RECOVERY              | 21                         | 0.0                       | 2                       | 5.9                         |
| ENERGY RECOVERY             | 11,621                     | 6.1                       | 2                       | 5.9                         |
| STABILIZATION               | 5,373                      | 2.8                       | 2                       | 5.9                         |
| OTHER DISPOSAL              | 2                          | 0.0                       | 1                       | 2.9                         |
| SLUDGE TREATMENT            | 85                         | 0.0                       | 1                       | 2.9                         |
| AQUEOUS ORGANIC TREATMENT   | 0                          | 0.0                       | 1                       | 2.9                         |
|                             | 190,508                    | 100.0                     | 34                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

Facilities reporting storage only and their quantity managed are excluded.

## 14 Top Ten Wastes Managed\*: D001, D009, F003, F005, F002, D008, F001, D007, D004, D006

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity managed.

## WISCONSIN

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 520

16 Quantity of RCRA Hazardous Waste Shipped: 173,034

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                 | City              | Quantity Shipped<br>(Tons) |
|-------|--------------|---|-------------------|----------------------------|
| 1     | WID000808568 | W M W I - OMEGA HILLS LF                  | GERMANTOWN        | 49,144                     |
| 2     | WID098547854 | W M W I - METRO RECYCLING & DISPOSAL      | FRANKLIN          | 27,728                     |
| 3     | WID990829475 | WRR ENVIRONMENTAL SERVICES CO INC         | EAU CLAIRE        | 13,666                     |
| 4     | WID028877074 | CHARTER STEEL - SAUKVILLE                 | SAUKVILLE         | 11,943                     |
| 5     | WID003967148 | VEOLIA ES TECHNICAL SOLUTIONS LLC         | MENOMONEE FALLS   | 10,838                     |
| 6     | WID000808824 | HYDRITE CHEMICAL CO                       | COTTAGE GROVE     | 8,539                      |
| 7     | WID988580056 | BADGER DISPOSAL OF WI INC                 | MILWAUKEE         | 5,237                      |
| 8     | WID059972935 | PPG INDUSTRIES                            | OAK CREEK         | 4,024                      |
| 9     | WID980898266 | CHEMDESIGN PRODUCTS INC                   | MARINETTE         | 3,758                      |
| 10    | WID076171008 | KESTREL HAWK LF                           | RACINE            | 2,011                      |
| 11    | WID078675634 | STELLA-JONES CORP                         | BANGOR            | 1,931                      |
| 12    | WID980615439 | ARKEMA INC                                | SAUKVILLE         | 1,351                      |
| 13    | WID006125215 | TYCO SAFETY PRODUCTS - ANSUL STANTON ST F | MARINETTE         | 1,198                      |
| 14    | WIR000129130 | SANIMAX ENERGY INC                        | DEFOREST          | 1,066                      |
| 15    | WID078673084 | 3M CO MENOMONIE                           | MENOMONIE         | 989                        |
| 16    | WIR000118190 | CAMBRIDGE MAJOR LABORATORIES INC          | GERMANTOWN        | 926                        |
| 17    | WID006144737 | CURWOOD INC (NEW LONDON)                  | NEW LONDON        | 837                        |
| 18    | WID006091425 | SC JOHNSON & SON INC                      | STURTEVANT        | 832                        |
| 19    | WID023350192 | BRENNTAG GREAT LAKES LLC                  | MENOMONEE FALLS   | 700                        |
| 20    | WIT560011595 | BEMIS FILMS (CURWOOD INC)                 | OSHKOSH           | 638                        |
| 21    | WID006425888 | JAGEMANN PLATING CO INC                   | MANITOWOC         | 621                        |
| 22    | WID023394158 | HENTZEN COATINGS INC                      | MILWAUKEE         | 571                        |
| 23    | WID006097364 | ELITE FINISHING LLC                       | MILWAUKEE         | 518                        |
| 24    | WID000808964 | 3M CO PRAIRIE DU CHIEN                    | PRAIRIE DU CHIEN  | 515                        |
| 25    | WID006103766 | SHEBOYGAN PAINT CO                        | SHEBOYGAN         | 513                        |
| 26    | WID006096192 | ACME GALVANIZING INC                      | MILWAUKEE         | 494                        |
| 27    | WIR000129585 | DIVERSEY DISTRIBUTION CENTER              | STURTEVANT        | 492                        |
| 28    | WIR000000356 | WM MERCURY WASTE INC                      | UNION GROVE       | 429                        |
| 29    | WID058735457 | SOUTHWEST METAL FINISHING - DAKOTA EAST   | NEW BERLIN        | 373                        |
| 30    | WID006073225 | KOHLER CO                                 | KOHLER VILLAGE OF | 369                        |
| 31    | WID002987865 | AIR PRODUCTS PERFORMANCE MFG INC          | MILTON            | 363                        |
| 32    | WIR000137109 | SAFC INC                                  | VERONA            | 349                        |
| 33    | WID006112973 | ALDRICH CHEMICAL CO INC                   | MILWAUKEE         | 347                        |
| 34    | WID981092133 | ENBRIDGE ENERGY CO                        | SUPERIOR          | 328                        |
| 35    | WIR000002840 | HUTCHINSON TECHNOLOGY INC                 | EAU CLAIRE        | 328                        |
| 36    | WID049533383 | EXOPACK LLC                               | TOMAH             | 320                        |
| 37    | WID006130405 | CARBOLINE CO                              | GREEN BAY         | 318                        |
| 38    | WID981000375 | CRYSTAL FINISHING SYSTEMS INC             | WESTON            | 314                        |
| 39    | WID006119978 | EXOPACK LLC                               | MENASHA           | 303                        |
| 40    | WID980570550 | FEDERAL MOGUL PISTON RING INC             | MANITOWOC         | 303                        |
| 41    | WID981097769 | SAFETY-KLEEN SYSTEMS INC                  | WAUKESHA          | 302                        |
| 42    | WID000711077 | PHO-TRONICS INC                           | MILWAUKEE         | 295                        |
| 43    | WID980704209 | CAPITAL RETURNS INC DBA GENCO PHARMACEUT  | MILWAUKEE         | 290                        |
| 44    | WID988566543 | VEOLIA ES TECHNICAL SOLUTIONS LLC         | PORT WASHINGTON   | 281                        |
| 45    | WID054105218 | MASTER LOCK CO                            | MILWAUKEE         | 250                        |
| 46    | WID080509359 | HYDRITE CHEMICAL CO - WEST                | COTTAGE GROVE     | 249                        |
| 47    | WID060446499 | AMERICAN PACKAGING CORP                   | COLUMBUS          | 248                        |
| 48    | WID980825715 | THERMO FISHER SCIENTIFIC (MILWAUKEE) LLC  | MILWAUKEE         | 240                        |
| 49    | WID988573556 | TTM TECHNOLOGIES                          | CHIPPewa FALLS    | 231                        |
| 50    | WID981187297 | SAFETY-KLEEN SYSTEMS INC                  | KAUKAUNA          | 228                        |
| Total |              |   |                   | 158,138                    |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

## WISCONSIN

## 2011 WASTE RECEIPTS

18 Number of RCRA Hazardous Waste Receivers: 10

19 Quantity of RCRA Hazardous Waste Received: 52,849 Tons

20 Fifty Largest RCRA Hazardous Waste Receivers in the State, 2011

| Rank  | EPA ID       | Site Name                         | City            | Quantity Received<br>(Tons) |
|-------|--------------|-----------------------------------|-----------------|-----------------------------|
| 1     | WID990829475 | WRR ENVIRONMENTAL SERVICES CO INC | EAU CLAIRE      | 18,835                      |
| 2     | WID003967148 | VEOLIA ES TECHNICAL SOLUTIONS LLC | MENOMONEE FALLS | 12,222                      |
| 3     | WID000808824 | HYDRITE CHEMICAL CO               | COTTAGE GROVE   | 10,562                      |
| 4     | WID988580056 | BADGER DISPOSAL OF WI INC         | MILWAUKEE       | 5,819                       |
| 5     | WID023350192 | BRENNTAG GREAT LAKES LLC          | MENOMONEE FALLS | 3,177                       |
| 6     | WIR000000356 | WM MERCURY WASTE INC              | UNION GROVE     | 1,400                       |
| 7     | WID988566543 | VEOLIA ES TECHNICAL SOLUTIONS LLC | PORT WASHINGTON | 571                         |
| 8     | WID981097769 | SAFETY-KLEEN SYSTEMS INC          | WAUKESHA        | 142                         |
| 9     | WID981187297 | SAFETY-KLEEN SYSTEMS INC          | KAUKAUNA        | 106                         |
| 10    | WID006091425 | SC JOHNSON & SON INC              | STURTEVANT      | 15                          |
| Total |              |                                   |                 | 52,849                      |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty facilities that received waste.

## WISCONSIN

## 2011 WASTE RECEIPTS, CONTINUED

**21 Quantity of RCRA Hazardous Waste Managed by Management Method**  
**Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| AQUEOUS INORGANIC TREATMENT | 27                         | 0.1                       | 3                       | 30.0                        |
| AQUEOUS ORGANIC TREATMENT   | 0                          | 0.0                       | 1                       | 10.0                        |
| ENERGY RECOVERY             | 0                          | 0.0                       | 1                       | 10.0                        |
| FUEL BLENDING               | 10,859                     | 20.5                      | 5                       | 50.0                        |
| INCINERATION                | 0                          | 0.0                       | 1                       | 10.0                        |
| METALS RECOVERY             | 1,847                      | 3.5                       | 2                       | 20.0                        |
| OTHER DISPOSAL              | 2                          | 0.0                       | 1                       | 10.0                        |
| OTHER RECOVERY              | 21                         | 0.0                       | 2                       | 20.0                        |
| OTHER TREATMENT             | 55                         | 0.1                       | 1                       | 10.0                        |
| SOLVENTS RECOVERY           | 25,835                     | 48.9                      | 5                       | 50.0                        |
| STABILIZATION               | 5,357                      | 10.1                      | 2                       | 20.0                        |
| STORAGE AND/OR TRANSFER     | 8,846                      | 16.7                      | 10                      | 100.0                       |
|                             | 52,849                     | 100.0                     | 10                      |                             |

**22 Management Method by Quantity of RCRA Hazardous Waste Managed**  
**Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| SOLVENTS RECOVERY           | 25,835                     | 48.9                      | 5                       | 50.0                        |
| FUEL BLENDING               | 10,859                     | 20.5                      | 5                       | 50.0                        |
| STORAGE AND/OR TRANSFER     | 8,846                      | 16.7                      | 10                      | 100.0                       |
| STABILIZATION               | 5,357                      | 10.1                      | 2                       | 20.0                        |
| METALS RECOVERY             | 1,847                      | 3.5                       | 2                       | 20.0                        |
| OTHER TREATMENT             | 55                         | 0.1                       | 1                       | 10.0                        |
| AQUEOUS INORGANIC TREATMENT | 27                         | 0.1                       | 3                       | 30.0                        |
| OTHER RECOVERY              | 21                         | 0.0                       | 2                       | 20.0                        |
| OTHER DISPOSAL              | 2                          | 0.0                       | 1                       | 10.0                        |
| ENERGY RECOVERY             | 0                          | 0.0                       | 1                       | 10.0                        |
| AQUEOUS ORGANIC TREATMENT   | 0                          | 0.0                       | 1                       | 10.0                        |
| INCINERATION                | 0                          | 0.0                       | 1                       | 10.0                        |
|                             | 52,849                     | 100.0                     | 10                      |                             |

**23 Management Method and Quantity of RCRA Hazardous Waste Managed by Number of Facilities**  
**Limited to Waste Received from Offsite, 2011**

| Management Method           | Quantity Managed<br>(tons) | Percentage of<br>Quantity | Number<br>of Facilities | Percentage<br>of Facilities |
|-----------------------------|----------------------------|---------------------------|-------------------------|-----------------------------|
| STORAGE AND/OR TRANSFER     | 8,846                      | 16.7                      | 10                      | 100.0                       |
| SOLVENTS RECOVERY           | 25,835                     | 48.9                      | 5                       | 50.0                        |
| FUEL BLENDING               | 10,859                     | 20.5                      | 5                       | 50.0                        |
| AQUEOUS INORGANIC TREATMENT | 27                         | 0.1                       | 3                       | 30.0                        |
| STABILIZATION               | 5,357                      | 10.1                      | 2                       | 20.0                        |
| METALS RECOVERY             | 1,847                      | 3.5                       | 2                       | 20.0                        |
| OTHER RECOVERY              | 21                         | 0.0                       | 2                       | 20.0                        |
| OTHER DISPOSAL              | 2                          | 0.0                       | 1                       | 10.0                        |
| AQUEOUS ORGANIC TREATMENT   | 0                          | 0.0                       | 1                       | 10.0                        |
| INCINERATION                | 0                          | 0.0                       | 1                       | 10.0                        |
| OTHER TREATMENT             | 55                         | 0.1                       | 1                       | 10.0                        |
| ENERGY RECOVERY             | 0                          | 0.0                       | 1                       | 10.0                        |
|                             | 52,849                     | 100.0                     | 10                      |                             |

Note: Columns may not sum to total due to rounding.

Number of Facilities column may not sum to total because facilities may have multiple handling methods.

## WISCONSIN

### 2011 INTERSTATE SHIPMENTS AND RECEIPTS

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 79,549 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 30,637 Tons

**26 Wisconsin Interstate Shipment / Receipts (As reported by Wisconsin):**

The State to which Wisconsin shipped the largest quantity of waste was Indiana (17,989 tons).

The State that shipped the largest quantity of waste to Wisconsin was Minnesota (7,488 tons).

## WYOMING

## 2011 WASTE GENERATION

1 Number of Generators Contributing to the Hazardous Waste Generated: 19

2 Quantity of RCRA Hazardous Waste Generated: 4,079 Tons

3 Fifty Largest RCRA Hazardous Waste Generators in the State, 2011

| Rank         | EPA ID       | Site Name                                   | City           | Total Generated<br>(Tons) |
|--------------|--------------|---|----------------|---------------------------|
| 1            | WYD051843613 | FRONTIER REFINING LLC                       | CHEYENNE       | 2,114                     |
| 2            | WYD079959185 | SINCLAIR WYOMING REFINING COMPANY           | SINCLAIR       | 932                       |
| 3            | WYD043705102 | WYOMING REFINING COMPANY                    | NEWCASTLE      | 447                       |
| 4            | WYD048743009 | SINCLAIR CASPER REFINING COMPANY            | CASPER         | 317                       |
| 5            | WYR000203113 | WILLISTON BASIN INTERSTATE PIPELINE         | POWELL         | 77                        |
| 6            | WYD061112470 | UNION PACIFIC RAILROAD LARAMIE WYOMING TIMB | LARAMIE        | 50                        |
| 7            | WYD988869269 | SILVER EAGLE REFINING - EVANSTON            | EVANSTON       | 38                        |
| 8            | WYR000207878 | MULTI-CHEM GROUP ROCK SPRINGS FACILITY      | ROCK SPRINGS   | 23                        |
| 9            | WYD121211379 | LABARGE BLACK CANYON DEHYDRATION FACILITY   | LABARGE        | 14                        |
| 10           | WYD000712687 | NALCO COMPANY-PLANT 108                     | EVANSVILLE     | 14                        |
| 11           | WYD051842730 | PACIFICORP DAVE JOHNSTON PLANT              | GLENROCK       | 12                        |
| 12           | WYT000644310 | UNIVAR USA INC.                             | EVANSVILLE     | 10                        |
| 13           | WY5571924179 | F.E. WARREN AFB WYOMING                     | F.E.WARREN AFB | 7                         |
| 14           | WYR000208801 | KANDA STATION                               | ROCK SPRINGS   | 7                         |
| 15           | WYR000211359 | MULTI-CHEM GROUP, L.L.C., RIVERTON FACILITY | RIVERTON       | 5                         |
| 16           | WYD000712869 | CONOCOPHILLIPS ROCK SPRINGS TERMINAL        | ROCK SPRINGS   | 4                         |
| 17           | WYR000210708 | P4 PRODUCTION, LLC                          | ROCK SPRINGS   | 4                         |
| 18           | WYD007089196 | DYNO NOBEL INC.                             | CHEYENNE       | 3                         |
| 19           | WYR000211748 | KMART #4837                                 | RIVERTON       | 0                         |
| <b>Total</b> |              |   |                | <b>4,079</b>              |

Note: State may have fewer than fifty generators that contributed to the hazardous waste generated.



## WYOMING

## 2011 WASTE GENERATION, CONTINUED

## 4 Quantities of Waste Generated in 2011 That Were Reported with Only Characteristic Waste Codes, Only Listed Waste Codes, or Both Characteristic and Listed Waste Codes

| Waste Has Only Characteristic Codes   | Tons of Waste Generated | Waste Has Only Listed Codes   | Tons of Waste Generated | Waste Has Both Characteristic And Listed Codes | Tons of Waste Generated |
|---------------------------------------|-------------------------|-------------------------------|-------------------------|--|-------------------------|
| ONLY IGNITABLE                        | 25                      | ONLY AN F CODE                | 1,209                   |  |                         |
| ONLY CORROSIVE                        | 1,608                   | ONLY A K CODE                 | 859                     |  |                         |
| ONLY REACTIVE                         | 0                       | ONLY A P CODE                 | 0                       |  |                         |
| ONLY D004-17                          | 35                      | ONLY A U CODE                 | 2                       |  |                         |
| ONLY D018-43                          | 125                     |                               |                         |  |                         |
| HAS MORE THAN ONE CHARACTERISTIC CODE | 136                     | HAS MORE THAN ONE LISTED CODE | 0                       |  |                         |
| <b>TOTAL</b>                          | <b>1,929</b>            | <b>TOTAL</b>                  | <b>2,069</b>            | <b>Both Characteristic and Listed</b>          | <b>81</b>               |

## 5 Quantities of Waste Generated in 2011 That Were Multiply Coded

| Waste Has Only Characteristic Codes But More Than One Applies | Tons of Waste Generated | Only Listed Codes But Has More Than One | Tons of Waste Generated | Both Characteristic And Listed Codes | Tons of Waste Generated |
|---|-------------------------|---|-------------------------|--------------------------------------|-------------------------|
| HAS IGNITABLE CODE  | 136                     |   |                         | IGN. W/ AT LEAST 1 LSTD              | 56                      |
| HAS CORROSIVE CODE  | 19                      |   |                         | CORR. W/ AT LEAST 1 LSTD             | 0                       |
| HAS REACTIVE CODE   | 0                       |   |                         | REACT. W/ AT LEAST 1 LSTD            | 0                       |
| HAS D004-D017 CODE  | 86                      |   |                         | D004-17 W/ AT LEAST 1 LSTD           | 31                      |
| HAS D018-D043 CODE  | 110                     |   |                         | D018-43 W/ AT LEAST 1 LSTD           | 18                      |
|   |                         | HAS AN F CODE                           | 0                       | F WASTE W/ AT LEAST 1 CHAR           | 15                      |
|   |                         | HAS A K CODE                            | 0                       | K WASTE W/ AT LEAST 1 CHAR           | 41                      |
|   |                         | HAS A P CODE                            | 0                       | P WASTE W/ AT LEAST 1 CHAR           | 0                       |
|   |                         | HAS A U CODE                            | 0                       | U WASTE W/ AT LEAST 1 CHAR           | 25                      |
| <b>TOTAL</b>  | <b>136</b>              | <b>TOTAL</b>                            | <b>0</b>                | <b>TOTAL</b>                         | <b>81</b>               |

Note: Columns may not sum to total because a waste code may apply to more than one waste.

Mixtures with ignitable, corrosive, reactive, D004-17, and D018-43 characteristic codes may also contain other characteristic waste codes. Similarly, wastes with F, K, P, and U listed codes may have other listed waste codes.

## 6 Top Ten Wastes Generated\*: D001, D002, D018, D007, D008, D035, D009, F003, F037, D006

\*Based on the Federal hazardous waste codes most frequently reported, not the quantity generated.

## 7 Top Ten Quantities of Waste Generated in 2011, by NAICS Code

| Rank         | NAICS | Description  | Tons Generated |
|--------------|-------|--|----------------|
| 1            | 3241  | PETROLEUM AND COAL PRODUCTS MANUFACTURING                            | 3,852          |
| 2            | 4862  | PIPELINE TRANSPORTATION OF NATURAL GAS                               | 77             |
| 3            | 4821  | RAIL TRANSPORTATION  | 50             |
| 4            | 4246  | CHEMICAL AND ALLIED PRODUCTS MERCHANT WHOLESALERS                    | 39             |
| 5            | 2111  | OIL AND GAS EXTRACTION   | 21             |
| 6            | 3251  | BASIC CHEMICAL MANUFACTURING   | 14             |
| 7            | 2211  | ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION             | 12             |
| 8            | 9211  | EXECUTIVE, LEGISLATIVE, AND OTHER GENERAL GOVERNMENT SUPPORT         | 7              |
| 9            | 4247  | PETROLEUM AND PETROLEUM PRODUCTS MERCHANT WHOLESALERS                | 4              |
| 10           | 3253  | PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING | 3              |
| <b>Total</b> |       |  | <b>4,079</b>   |

## WYOMING

### 2011 WASTE MANAGEMENT

Tables 8, 9, and 10 have been omitted from this report because there were no facilities in the State of Wyoming that reported managing RCRA hazardous waste in 2011.

**WYOMING**

**2011 WASTE MANAGEMENT, CONTINUED**

Tables 11, 12, 13, and 14 have been omitted from this report because there were no facilities in the State of Wyoming that reported managing RCRA hazardous waste in 2011.

## WYOMING

## 2011 WASTE SHIPMENTS

15 Number of RCRA Hazardous Waste Shippers: 19

16 Quantity of RCRA Hazardous Waste Shipped: 4,079

17 Fifty Largest RCRA Hazardous Waste Shippers in the State, 2011

| Rank  | EPA ID       | Site Name                                   | City            | Quantity Shipped<br>(Tons) |
|-------|--------------|---|-----------------|----------------------------|
| 1     | WYD051843613 | FRONTIER REFINING LLC                       | CHEYENNE        | 2,114                      |
| 2     | WYD079959185 | SINCLAIR WYOMING REFINING COMPANY           | SINCLAIR        | 932                        |
| 3     | WYD043705102 | WYOMING REFINING COMPANY                    | NEWCASTLE       | 447                        |
| 4     | WYD048743009 | SINCLAIR CASPER REFINING COMPANY            | CASPER          | 316                        |
| 5     | WYR000203113 | WILLISTON BASIN INTERSTATE PIPELINE         | POWELL          | 77                         |
| 6     | WYD061112470 | UNION PACIFIC RAILROAD LARAMIE WYOMING TIM  | LARAMIE         | 50                         |
| 7     | WYD988869269 | SILVER EAGLE REFINING - EVANSTON            | EVANSTON        | 38                         |
| 8     | WYR000207878 | MULTI-CHEM GROUP ROCK SPRINGS FACILITY      | ROCK SPRINGS    | 23                         |
| 9     | WYD121211379 | LABARGE BLACK CANYON DEHYDRATION FACILITY   | LABARGE         | 14                         |
| 10    | WYD000712687 | NALCO COMPANY-PLANT 108                     | EVANSVILLE      | 14                         |
| 11    | WYD051842730 | PACIFICORP DAVE JOHNSTON PLANT              | GLENROCK        | 13                         |
| 12    | WYT000644310 | UNIVAR USA INC.                             | EVANSVILLE      | 10                         |
| 13    | WY5571924179 | F.E. WARREN AFB WYOMING                     | F.E. WARREN AFB | 7                          |
| 14    | WYR000208801 | KANDA STATION                               | ROCK SPRINGS    | 7                          |
| 15    | WYR000211359 | MULTI-CHEM GROUP, L.L.C., RIVERTON FACILITY | RIVERTON        | 5                          |
| 16    | WYD000712869 | CONOCOPHILLIPS ROCK SPRINGS TERMINAL        | ROCK SPRINGS    | 4                          |
| 17    | WYR000210708 | P4 PRODUCTION, LLC                          | ROCK SPRINGS    | 4                          |
| 18    | WYD007089196 | DYNO NOBEL INC.                             | CHEYENNE        | 3                          |
| 19    | WYR000211748 | KMART #4837                                 | RIVERTON        | 0                          |
| Total |              |   |                 | 4,079                      |

Note: Column may not sum to total due to rounding.  
State may have fewer than fifty shippers.

**WYOMING**

**2011 WASTE RECEIPTS**

Tables 18, 19, and 20 have been omitted from this report because there were no facilities in the State of Wyoming that reported receiving RCRA hazardous waste in 2011.

**WYOMING**

**2011 WASTE RECEIPTS, CONTINUED**

Tables 21, 22, and 23 have been omitted from this report because there were no facilities in the State of Wyoming that reported receiving RCRA hazardous waste in 2011.

**WYOMING**

**2011 INTERSTATE SHIPMENTS AND RECEIPTS**

**24 Quantity of RCRA Hazardous Waste Interstate Shipments:** 4,079 Tons

**25 Quantity of RCRA Hazardous Waste Interstate Receipts:** 0 Tons

**26 Wyoming Interstate Shipment / Receipts (As reported by Wyoming):**

The State to which Wyoming shipped the largest quantity of waste was Colorado (1,725 tons).

No States shipped waste to Wyoming.